

WORLD RELATIVE GRAVITY
REFERENCE NETWORK
ASIA, AUSTRALIA, AND
PACIFIC OCEAN

OCTOBER, 1971



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United States Air Force
Aeronautical Chart and Information Center
St. Louis, Missouri 63118

4. Asia

4.1 Introduction

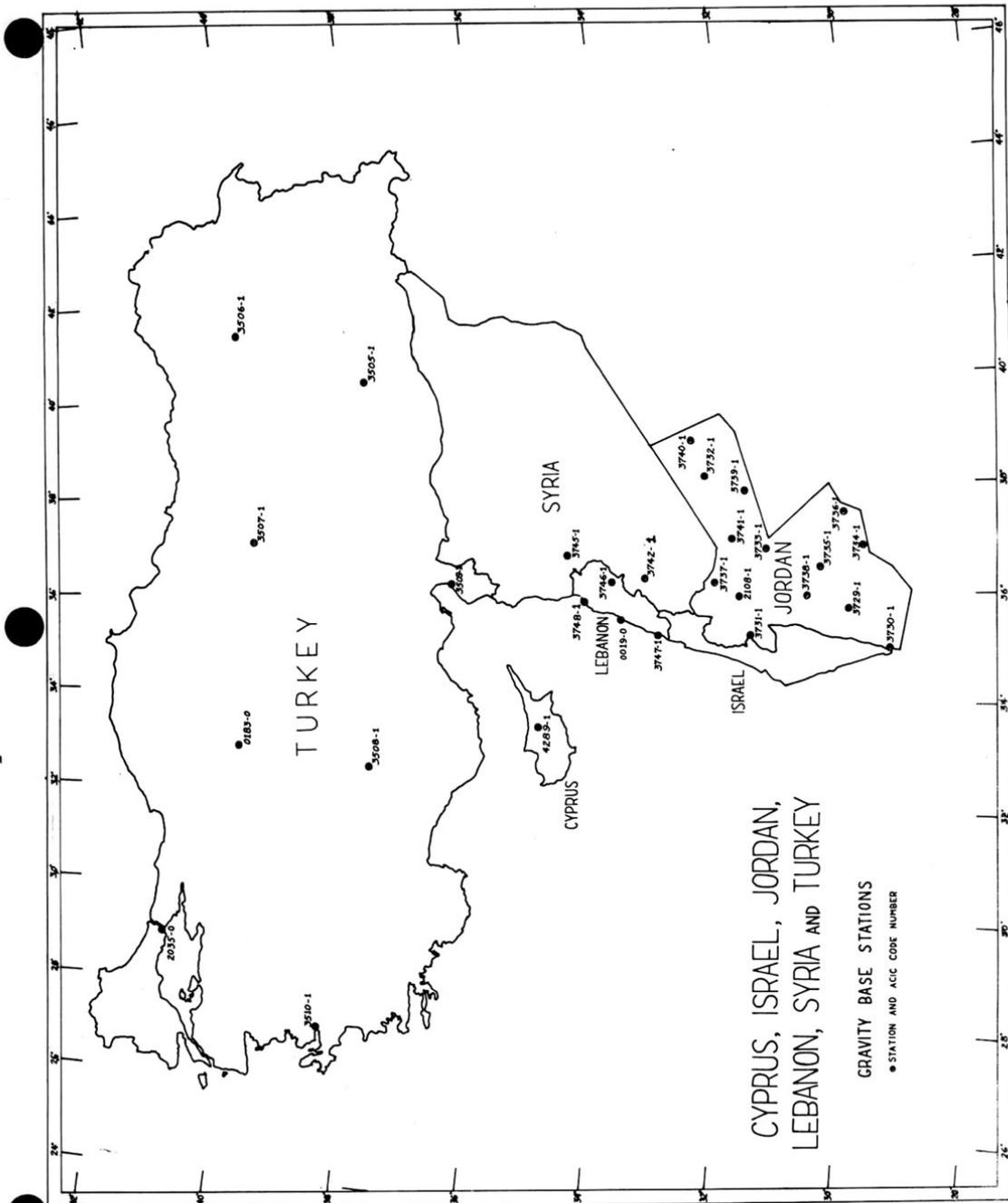
The Asian area for this publication consists of: Southwest Asia (Bahrein, Cyprus, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, Trucial States, Turkey, and Yemen); Indian Subcontinent and Afghanistan (Afghanistan, Bhutan, Ceylon, India, Nepal, and Pakistan); Southeast Asia (Brunei, Burma, Cambodia, Federation of Malaysia, Hong Kong, Indonesia, Laos, New Guinea, North Vietnam, Philippines, Singapore, South Vietnam, and Thailand); and Japan, Korea, and Taiwan (Japan, North Korea, South Korea, and Taiwan).

The adopted gravity values and estimated accuracies are relative to Potsdam ($g = 981\ 274$ mgal). The scale is the same as that adopted for the North American Area (paragraph 2.1).

4.2 Gravity Base Stations

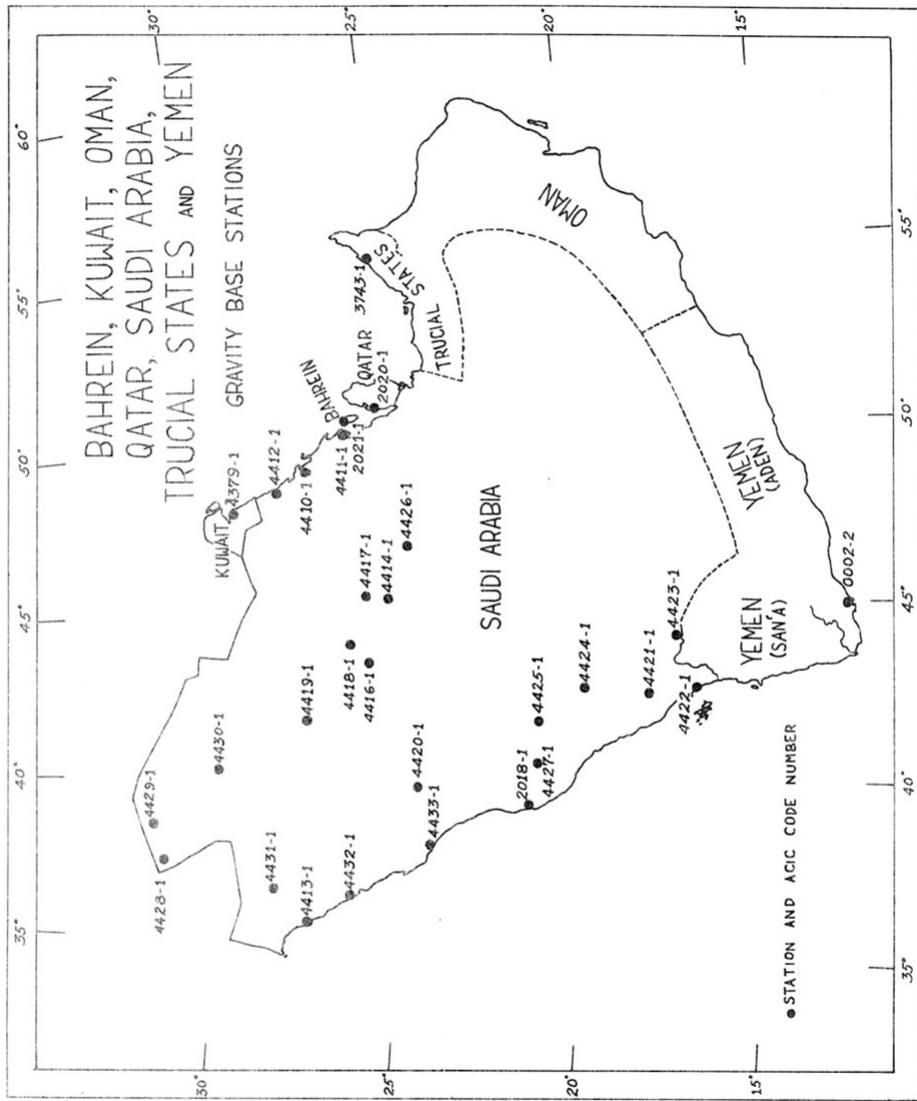
Asia

4.2.1. Southwest Asia



CYPRUS, ISRAEL, JORDAN,
LEBANON, SYRIA AND TURKEY

GRAVITY BASE STATIONS
 ● STATION AND AIC CODE NUMBER



CROSS REFERENCE LIST
BAHREIN

STATION DESIGNATION	ACIC REF NO
MIJHARRAQ	2021-1

CROSS REFERENCE LIST
CYPRUS

STATION DESIGNATION	ACIC REF NO
NICOSIA	4289-1

CROSS REFERENCE LIST
IRAN

STATION DESIGNATION	ACIC REF NO
ARADAN	4041-2
ARADFH	4376-1
AGHA JART	4435-1
AHWAZ	4042-2
ARAK	4043-2
ASTARA	4436-1
BAM	4434-1
RANDAR ARBAS	4044-2
RANDAR LENGEH	4045-2
RIRJAND	4437-1
ROJNORD	4438-1
BUSHEHR	4046-2
CHALUS	4047-2
DARAB	4439-1
FSFAHAN	4049-3
FASA	4440-1
GACHSARAN	4441-1
GARMSAR	4442-1
GORGON	4444-1
HAMADAN	4048-2
IRANSHAHR	4445-2
JASK	4446-1
KAZERUN	4447-1
KFRMAN	4051-3
KFRMANSHAH	4448-1
KHASH	4449-1
KHORRAMABAD	4450-3
KHOWY	4451-1
LAR	4452-1
MAHABAD	4453-1
MASHAD	4052-2
MEYANEH	4454-1
NAIN	4455-1
NEHRANDAN	4456-1
NIKSHAHR	4457-1
QAIN	4458-1
QAZVIN	4459-1
QOM	4377-1
QIUCHAN	4443-1
RASHT	4053-2
REZAIYEH	4054-2
SABZEVAR	4460-1
SANANDADJ	4461-1

CROSS REFERENCE LIST
IRAN

STATION DESIGNATION	ACIC REF NO
SARAKHS	4464-1
SARAVAN	4462-1
SARI	4055-2
SEMNAH	4463-1
SHIRAZ	4056-2
SHURGAZ	4465-1
SIRJAN	4466-1
TABAS	4467-1
TABRIZ	4057-2
TEHRAN	0182-2
TORBAT-F-JAM	4469-1
TORBAT-I-HAIDARY	4468-1
YAZD	4470-1
ZABOL	4471-1
ZAHEDAN	4058-2
ZANJAN	4059-2

CROSS REFERENCE LIST
IRAQ

STATION DESIGNATION	ACIC REF NO
AIN ZALAH	4388-1
AL HADITHAH	4384-1
AL QAIM	4383-1
RAGHDAD	4387-1
BASRA	4386-1
KIRKUK	4385-1

CROSS REFERENCE LIST
JORDAN

STATION DESIGNATION	ACIC REF NO
ASC-C243	3740-1
AL HASA	3738-1
AL INAR	3734-1
AMMAN	2108-1
AQARA	3730-1
AQARA RABIA	3733-1
FSH SHOMARI	3735-1
H-4	3732-1
IMSHASH	3736-1
JERUSALEM	3731-1
MA AN	3729-1
MAFRAQ	3737-1
QARYTAIN	3741-1
WISAD	3739-1

CROSS REFERENCE LIST
KUWAIT

STATION DESIGNATION	ACIC REF NO
AL KUWAYT	4379-1

CROSS REFERENCE LIST
LEBANON

STATION DESIGNATION	ACIC REF NO
BAALBEK	3746-1
RFIRUT	0019-0
TRIPOLI	3748-1
TYRE	3747-1

CROSS REFERENCE LIST
QATAR

STATION DESIGNATION	ACIC REF NO
DUKHAN	2020-1

CROSS REFERENCE LIST
SAUDI ARABIA

STATION DESIGNATION	ACIC REF NO
ARHA	4421-1
ABU HADR'YAH	4410-1
AL RASS	4416-1
AL WAJH	4432-1
RISHAH	4424-1
BURAIDAH	4418-1
DHABA	4413-1
DHAHRAN	4411-1
HAYIL	4419-1
JIDDAH	2018-1
MAJMAAH	4417-1
MEDINA	4420-1
NAJRAN	4423-1
QIZAN	4422-1
QURAYYAT	4428-1
RAS AL MISHAB	4412-1
RIYADH	4426-1
SAKAKA	4430-1
SHAQRA	4414-1
TABUK	4431-1
TAIF	4427-1
TARABAH	4425-1
TURAIIF	4429-1
YANBU	4433-1

CROSS REFERENCE LIST
SYRIA

STATION DESIGNATION	ACIC REF NO
DAMASCUS	3742-1
HOMS	3745-1

CROSS REFERENCE LIST
TRUCIAL STATES

STATION DESIGNATION	ACIC REF NO
SHARJAH	3743-1

CROSS REFERENCE LIST
TURKEY

STATION DESIGNATION	ACIC REF NO
ANKARA	0183-U
DIYARBAKIR	3505-1
ERZURUM	3506-1
ISKENDERUN	3509-1
ISTANBUL	2035-U
IZMIR	3510-1
KONYA	3508-1
SIVAS	3507-1

CROSS REFERENCE LIST
YEMEN
(ADEN)

STATION DESIGNATION	ACIC REF NO
ADEN	0002-2

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
LONGITUDE		ADEN	
ELEVATION METERS		COUNTRY/STATE Yemen (Aden)	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0002-2		$g =$	978 321.53 mgals
WH 1001			
		ESTIMATED ACCURACY	DATE
		+ 0.5 mgals	MONTH/YEAR 8/70

DESCRIPTION AND/OR SKETCH

Prince of Wales pier near Vening Meinesz No 16 at middle of pier. (1) (2)

REFERENCE SOURCE

(1) 00415

(2) 00916

GRAVITY BASE STATION

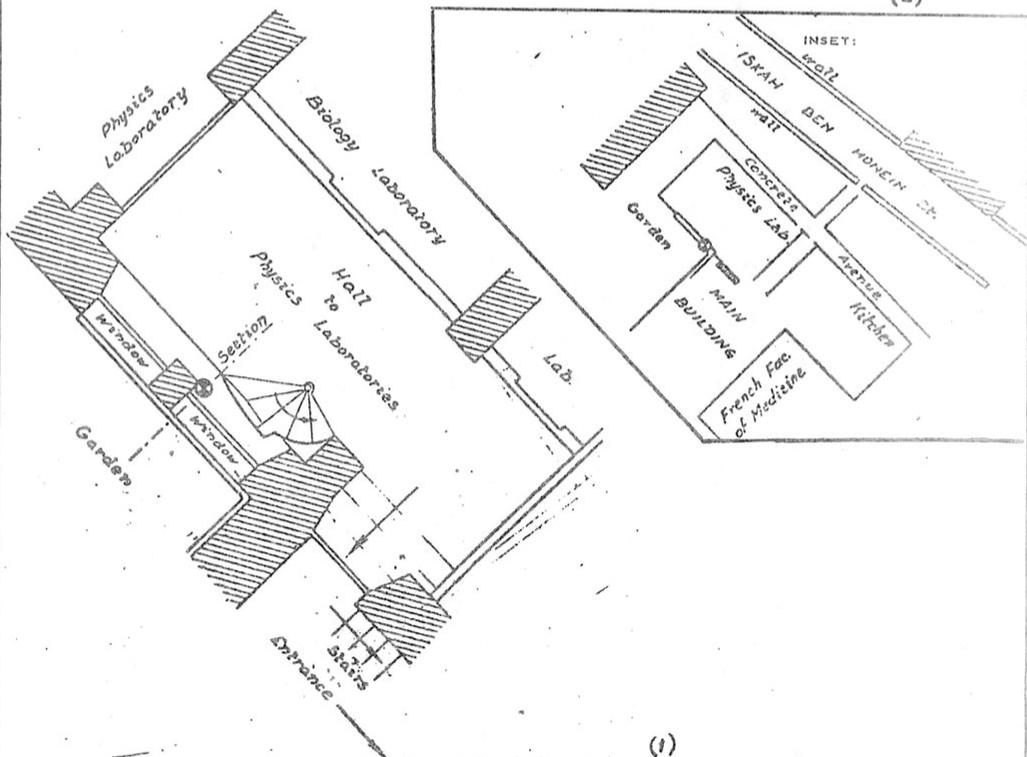
LATITUDE	33° 52.90'N	(1)	STATION DESIGNATION	
LONGITUDE	35° 30.70'E	(1)	BEIRUT	
ELEVATION	52.95	METERS (1)	COUNTRY/STATE	
			Lebanon	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0019-0			g =	979 689.98
IGB 14135A				mgals
NHO 53.00				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made in Beirut on Iskah Ben Honein street at the French Faculty of Medicine basement physics laboratory.

The site is located at the base of a spiral iron staircase, and on the window ledge. This is the National Fundamental Gravity Station of Lebanon. The station is monumented with a brass disk inscribed "Gravity Calibration Base".

(1)



(1)

REFERENCE SOURCE

(1) 01452

GRAVITY BASE STATION

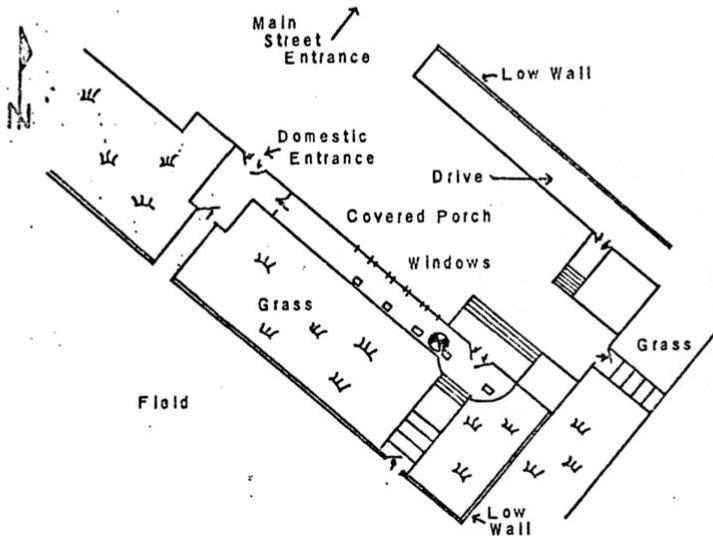
LATITUDE		35° 41.00'N (1)	STATION DESIGNATION	
LONGITUDE		51° 19.27'E (1)	TEHRAN	
ELEVATION		1182.42 METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0182-2			g = 979 444.39 mgals	
IGB 13951J				
NHO 62.00				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made near Teheran at the Mehrabad Airport Terminal on the field side.

The site is located at the terminal's southwest corner entrance, at the base of the second pillar, northwest of the entrance. (1)

There is a brass plaque mounted on the pillar 5 feet above the floor. Plaque reads, "Tehran University National Gravity Base #1". (2)



REFERENCE SOURCE

(1) 01452

(2) 03605

GRAVITY BASE STATION

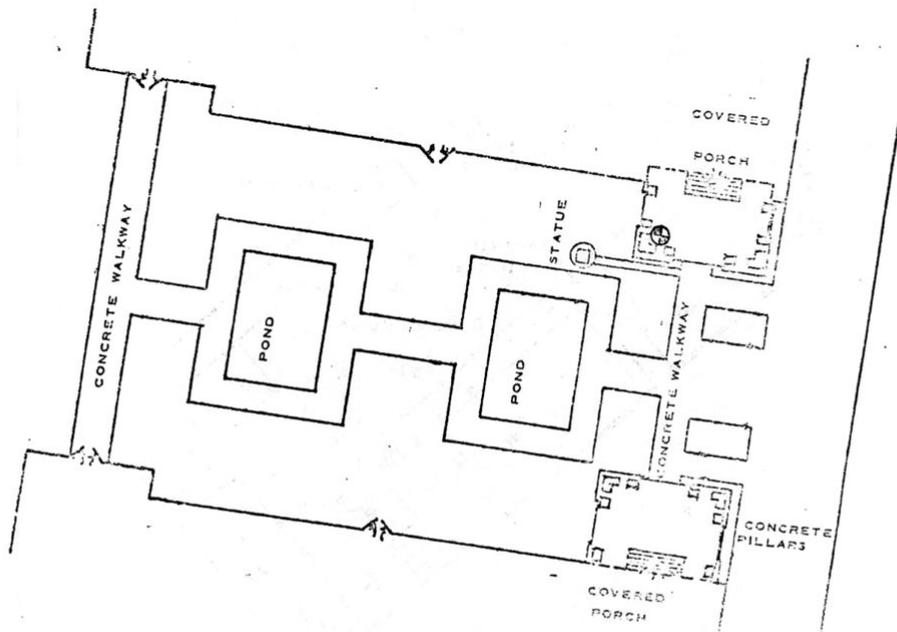
LATITUDE	39° 56'N	(1)	STATION DESIGNATION	
LONGITUDE	32° 52'E	(1)	ANKARA	
ELEVATION	974	METERS (1)	COUNTRY/STATE	
			Turkey	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0183-0			g = 979 938.84 mgals	
IGB 14192B				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made in Ankara at Ankara University.

The site is located at the northernmost of the two large two-story buildings at the southeast corner porch, in the porch's southwest corner, on the concrete. The station is monumented with a brass Disk inscribed "Gravity Calibration Base".

(1)



(1)

REFERENCE SOURCE

(1) 01452

GRAVITY BASE STATION

LATITUDE		25° 23.4'N	(1)	STATION DESIGNATION	
LONGITUDE		50° 49.0'E	(1)	DUKHAN	
ELEVATION		0	METERS (1)	COUNTRY/STATE	
				Qatar	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 2020-1				g = 978 951.83 mgals	
WA 2064					
				ESTIMATED ACCURACY	DATE
				+ 0.5 mgals	MONTH/YEAR
					9/70

DESCRIPTION AND/OR SKETCH

Dukhan Airstrip, to left of door to control tower building, Petroleum Development Ltd, airstrip. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		26° 16.2'N	(1)	STATION DESIGNATION	
LONGITUDE		50° 38.5'E	(1)	MUHARRAQ	
ELEVATION		1.8	METERS (1)	COUNTRY/STATE	
				Bahrein	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 2021-1			g = 979 013.73 mgals		
WA 2002					
IGB 10960J					
			ESTIMATED ACCURACY		DATE
			± 0.5 mgals		MONTH/YEAR
					9/70

DESCRIPTION AND/OR SKETCH

BOAC Terminal, at side door to customs.

(1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE	41° 03.95'N	(1)	STATION DESIGNATION	
LONGITUDE	29° 03.93'E	(1)	ISTANBUL	
ELEVATION	139.2	METERS (1)	COUNTRY/STATE	
			Turkey	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIG 2035-0			g =	980 296 mgals
		ESTIMATED ACCURACY		DATE
		± 3.0 mgals	MONTH/YEAR	
				10/69

DESCRIPTION AND/OR SKETCH

Observatory at Kandili, in basement of Equatorial building. (1)

REFERENCE SOURCE

(1) 00420

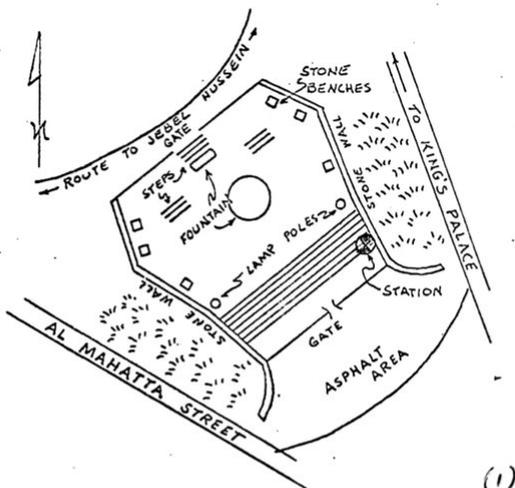
GRAVITY BASE STATION

LATITUDE	31° 57.27'N	(1)	STATION DESIGNATION	
LONGITUDE	35° 56.73'E	(1)	AMMAN	
ELEVATION	741	METERS (1)	COUNTRY/STATE	
			Jordan	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2108-1			$g = 979\ 317.20$ mgals	
NHO 78.00				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				3/69

DESCRIPTION AND/OR SKETCH

The station is located in Amman City, on the grounds at the Unknown Soldier Monument. After entering the gate opposite the intersection of two streets, the site is at the right side of the bottom of the flight of steps.

It is marked by a 3 cm bolt, stamped ASC-A218, set in the right side of the lowest step. (1)



REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
37° 54'N (1)		DIYARBAKIR	
LONGITUDE			
40° 14'E (1)		COUNTRY/STATE	
ELEVATION		Turkey	
637 METERS (1)		ADOPTED GRAVITY VALUE	
REFERENCE CODE NUMBERS		g = 979 789 mgals	
ACIG 3505-1		ESTIMATED ACCURACY	
		DATE	
		MONTH/YEAR	
		10/69	
		± 3.0 mgals	

DESCRIPTION AND/OR SKETCH

Near the railroad station.

(1)

REFERENCE SOURCE

(1) 00420

GRAVITY BASE STATION

LATITUDE	39° 44'N	(1)	STATION DESIGNATION	
LONGITUDE	37° 02'E	(1)	SIVAS	
ELEVATION	1275	METERS (1)	COUNTRY/STATE	
			Turkey	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3507-1			g = 979 779 mgals	
			ESTIMATED ACCURACY	DATE
			+ 3.0 mgals	MONTH/YEAR
				10/69

DESCRIPTION AND/OR SKETCH

Inside the high school (a historic building where the Congress of Sivas assembled on September 4, 1919).

(1)

REFERENCE SOURCE

(1) 00420

GRAVITY BASE STATION

LATITUDE 37° 52'N (1)	STATION DESIGNATION	
LONGITUDE 32° 32'E (1)	KONYA	
ELEVATION 1015 METERS (1)	COUNTRY/STATE Turkey	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 3508-1	g = 979 742 mgals	
	ESTIMATED ACCURACY	DATE
	± 3.0 mgals	MONTH/YEAR 10/69

DESCRIPTION AND/OR SKETCH

Konya Museum (Old Mevlana Mausoleum).

(1)

REFERENCE SOURCE

(1) 00420

GRAVITY BASE STATION

LATITUDE 36° 37'N (1)	STATION DESIGNATION	
LONGITUDE 36° 08'E (1)	ISKENDERUN (ALEXANDRETTA)	
ELEVATION 2 METERS (1)	COUNTRY/STATE Turkey	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 3509-1	g = 979 855 mgals	
	ESTIMATED ACCURACY	DATE
	+ 3.0 mgals	MONTH/YEAR 10.69

DESCRIPTION AND/OR SKETCH

Lighthouse, on south side of harbor, on east side of path leading to the sea which surrounds the tower. (1)

REFERENCE SOURCE

(1) 00420

GRAVITY BASE STATION

LATITUDE	38° 15.1'N	(1)	STATION DESIGNATION	
LONGITUDE	27° 10.5'E	(1)	IZMIR (SMYRNA)	
ELEVATION	95.1	METERS (1)	COUNTRY/STATE	
			Turkey	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3510-1			g = 980 022.14 mgals	
WA 2077				
			ESTIMATED ACCURACY	DATE
			± 0.5 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

Cuma Ovasi Airport, at base of control tower on concrete paving at center of curved field-side wall of tower. (1)

REFERENCE SOURCE

(1) 00916

31

GRAVITY BASE STATION

LATITUDE	30° 11.13'N	(1)	STATION DESIGNATION	
LONGITUDE	35° 45.65'E	(1)	MA'AN	
ELEVATION	1070.42	METERS (1)	COUNTRY/STATE	
			Jordan	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3729-1			g = 979 090.41 mgals	
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				11/69

DESCRIPTION AND/OR SKETCH

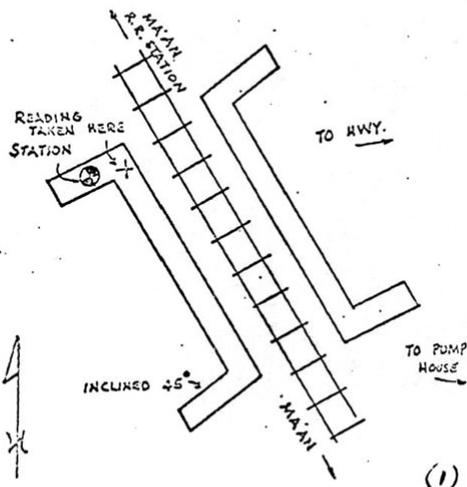
The mark is located along the Ma'an - Al Hasa Railroad, 0.7 kilometers north of the Ma'an Railroad Station.

The mark is a 3 cm bolt grouted into southeast abutment of a 6.4 meter cut-stone bridge.

26.7 meters northeast of a telephone pole.

1.5 meters above the drainage.

0.38 meter northeast of the southwest corner of the southeast abutment. (1)



REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE		29° 30.87'N	(1)	STATION DESIGNATION	
LONGITUDE		34° 59.93'E	(1)	AQABA	
ELEVATION		1.82	METERS	(1)	COUNTRY/STATE
					Jordan
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 3730-1			g = 979 212.12 mgals		
			ESTIMATED ACCURACY		DATE
			± 0.3 mgals		MONTH/YEAR
					11/69

DESCRIPTION AND/OR SKETCH

The mark is located at the gate entrance of the Middle Port (#2) in Aqaba (Almina Al Wusta).

The mark is a 3 cm bolt, grouted flush in the south corner of the square concrete base at east side of the gate.

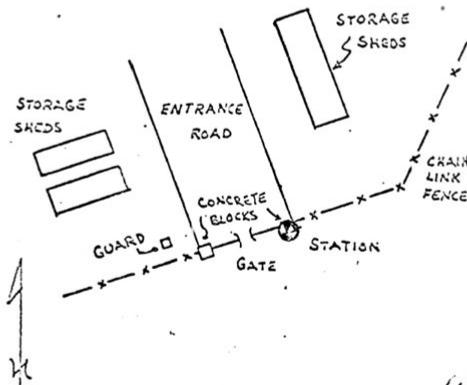
27.6 meters northwest of the Aqaba - Middle Port road centerline.

3.88 meters northeast of the center of the gate.

1.04 meters west of the east corner of the eastern gate base.

0.35 meters south of gate post.

(1)



(1)

REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE	32° 27.98'N	(1)	STATION DESIGNATION	
LONGITUDE	38° 03.43'E	(1)	H-4	
ELEVATION	669.33	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3732-1			g = 979 346.14 mgals	
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				11/69

DESCRIPTION AND/OR SKETCH

The mark is located on a headwall on the south side of the Baghdad Highway; 14.78 kilometers of the H4 Desert Patrol Post.

The mark is a 3 cm bolt, set flush in the 0.40 x 2.87 meter headwall.

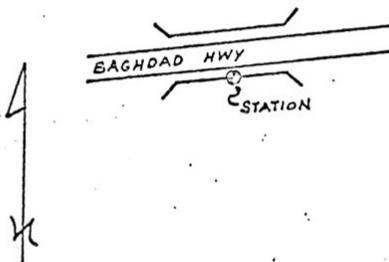
9.0 meters southeast of the southeast corner of the south face of the north headwall.

4.88 meters south of the highway centerline.

1.53 meters west of the northeast corner of the north face of the south headwall.

1.40 meters east of the northwest corner of the north face of the south headwall.

(1)



(1)

REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
31° 36.57'N	(1)	AQABA BADIA	
LONGITUDE		COUNTRY/STATE	
36° 51.37'E	(1)	Jordan	
ELEVATION		ADOPTED GRAVITY VALUE	
562.57	METERS (1)	g = 979 277.52 mgals	
REFERENCE CODE NUMBERS		ESTIMATED ACCURACY	
ACIC 3733-1		DATE	
		MONTH/YEAR	
		± 0.3 mgals	11/69

DESCRIPTION AND/OR SKETCH

The mark is located on the south side of "H" road; 28 kilometers south of the Aqaba Badia Patrol Post and 41.2 meters east of the Kharranah Castle.

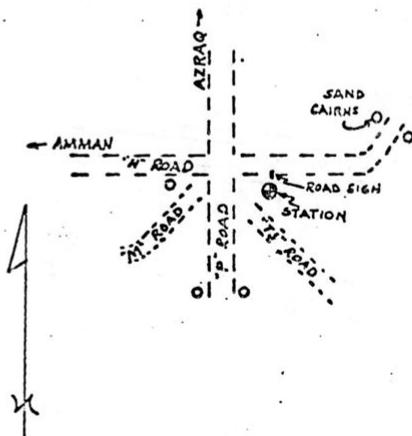
The mark is a 3 cm bolt, set in the top of a concrete post set level with the ground. The mark is surrounded by 4 sand cairns 2.5 meters distant in all four directions.

37.7 meters east of a large sand cairn.

26.8 meters southeast of the "P" and "H" road centerlines.

11.6 meters south of the centerline to Omari.

4.9 meters south of the south angle-iron of road sign. (1)



(1)

REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE		29° 57.78'N	(1)	STATION DESIGNATION	
LONGITUDE		36° 53.83'E	(1)	AL INAB	
ELEVATION		903.87	METERS (1)	COUNTRY/STATE	
				Jordan	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE	
AGIC 3734-1				$g =$	979 067.15 mgals
				ESTIMATED ACCURACY	
				DATE	
				MONTH/YEAR	
		± 0.3 mgals		11/69	

DESCRIPTION AND/OR SKETCH

The mark is located on the east side of "B" road in the Al Kabid region.

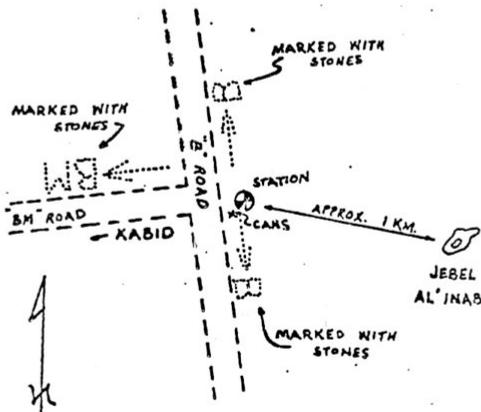
The mark is a 3 cm bolt, stamped ASC-B93, set in the top of a 20 cm diameter concrete post, 54.23 kilometers southeast of the intersection of "EM" and "C" roads.

22.8 meters south-southeast of the tail of an arrow, made of rocks, pointing north, indicating "B" road.

8.4 meters north-northeast of the tail of an arrow, made of rocks, pointing south, indicating "B" road.

7.8 meters east of the "B" road centerline.

3.2 meters east-northeast of a cairn made of cans filled with sand. (1)



(1)

REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE 30° 38.30'N (1)		STATION DESIGNATION	
LONGITUDE 36° 29.55'E (1)		ESH SHOMARI	
ELEVATION 1039.53 METERS (1)		COUNTRY/STATE Jordan	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3735-1		g = 979 119.20 mgals	
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR 11/69

DESCRIPTION AND/OR SKETCH

The mark is located on the east side of a dim trail; 34.86 kilometers west of the intersection of "NR" and "B" roads.

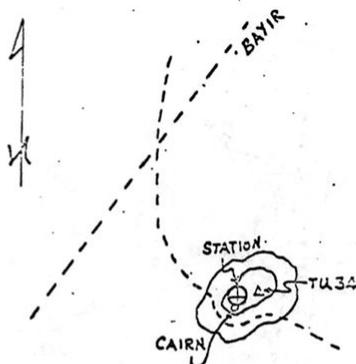
The existing mark is a 20 cm diameter concrete post, level with the ground.

The mark is west of the steel tower which is over triangulation station TU 34.

120.0 meters south-southeast of the intersection of "C" and "P" roads.

3.0 meters north of the base of a 0.80 meter high rock cairn.

2.85 meters southwest of the closest angle-iron of four constituting triangulation station tower. (1)



(1)

REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE		30° 17.80'N (1)	STATION DESIGNATION	
LONGITUDE		37° 28.88'E (1)	IMSHASH	
ELEVATION		783.62 METERS (1)	COUNTRY/STATE	
			Jordan	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3736-1			$g = 979\ 134.11$ mgals	
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				11/69

DESCRIPTION AND/OR SKETCH

The mark is located on the west side of "E" road; 1.92 kilometers northwest of the intersection of "AA" and "E" roads.

The mark is a 3 cm bolt, stamped ASC-B168, set in the top of a 20 cm diameter concrete post, level with the ground surface. The mark is in an open area at the northeast end of the raked lines used as guide lines for the landing runway.

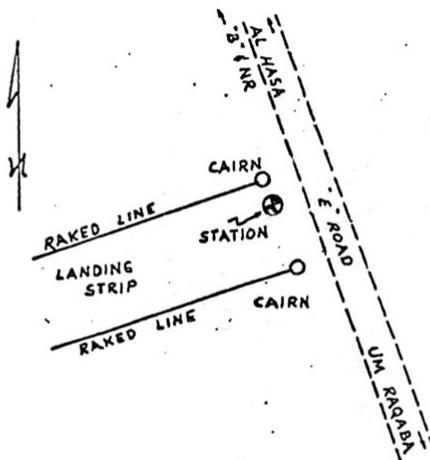
34.6 meters west-southwest of "E" road centerline.

22.1 meters northwest of a 0.40 meter high cairn at the end of the southern raked line.

2.1 meters south-southwest of the check point (angle-iron).

1.65 meters southeast of the cairn at the end of the northern raked line.

(1)



(1)

REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE	32° 21.25'N	(1)	STATION DESIGNATION	
LONGITUDE	36° 13.53'E	(1)	MAFRAQ	
ELEVATION	678.34	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIG 3737-1			g = 979 349.44 mgals	
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				11.69

DESCRIPTION AND/OR SKETCH

The mark is located at the Mafraq Custom House at the intersection of the roads to the RAF Airport and Irbid.

The mark is a 3 cm bolt, set in the first step of two, at the entrance to the Custom House, projecting .15 meter above the ground.

15.75 meters northeast of the north edge of the road at the Custom House and centerline at the road to Mafraq.

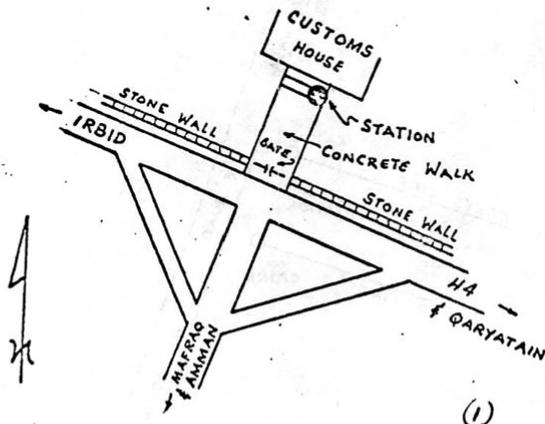
8.55 meters northeast of the center of gate.

1.7 meters southwest of the east corner of the door to main building.

0.22 meter west of the northeast corner of step.

0.15 meter northeast of the south edge of step.

(1)



(1)

REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE		30° 52.17'N	(1)	STATION DESIGNATION	
LONGITUDE		35° 59.33'E	(1)	AL HASA	
ELEVATION		860.87	METERS (1)	COUNTRY/STATE	
				Jordan	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE	
ACIC 3738-1				g = 979 203.61 mgals	
				ESTIMATED ACCURACY	
				DATE	
				MONTH/YEAR	
				11/69	
				ESTIMATED ACCURACY	
				+ 0.3 mgals	

DESCRIPTION AND/OR SKETCH

The mark is located along the Al Hasa Al Qatranah Railroad, 6.36 kilometers north of the Al Hasa Railroad Station.

The mark is a 3 cm bolt, grouted flush in the southwest corner of a 28.8 meter cut-stone railroad bridge between kilometer Posts 370 and 371.

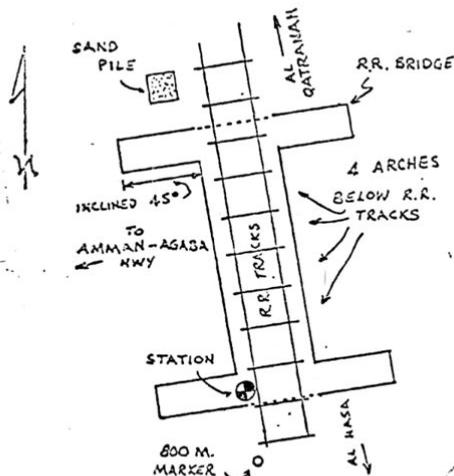
4.55 meters above the drainage.

2.22 meters west of west rail.

0.33 meter northeast of the southwest corner of the bridge.

0.20 meter east-northeast of the west face of the bridge.

(1)



(1)

REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE 31° 53.28'N (1)		STATION DESIGNATION	
LONGITUDE 37° 57.13'E (1)		WISAD	
ELEVATION 667.78 METERS		COUNTRY/STATE Jordan	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
AGIC 3739-1		g = 979 295.30 mgals	
		ESTIMATED ACCURACY	
		DATE	
		MONTH/YEAR	
		± 0.3 mgals	
		11/69	

DESCRIPTION AND/OR SKETCH

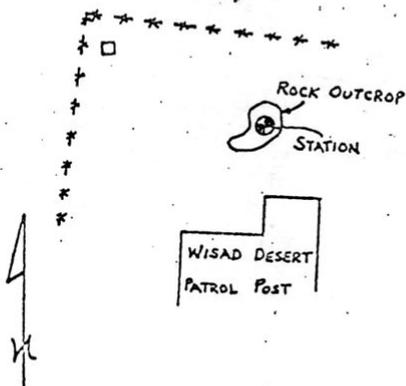
The mark is located at the Wisad Desert Patrol Post, 93.39 kilometers southeast of the Qarytain tap-line pumping station on the south side of the tap-line road.

The mark is a 3 cm bolt, stamped ASC-C146, grouted flush in a 0.8 x 1.1 meter rock outcrop projecting 0.10 meter above the ground.

16.60 meters northeast of the northwest corner of the Police Building.

14.20 meters northwest of the northeast corner of the Police Building Guard Tower.

10.15 meters northwest of the northwest corner of the Police Building Guard Tower. (1)



(1)

REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE		32° 41.90'N	(1)	STATION DESIGNATION	
LONGITUDE		38° 51.97'E	(1)	ASC-C243	
ELEVATION		823.23	METERS (1)	COUNTRY/STATE	
				Jordan	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 3740-1			g = 979 330.47 mgals		
			ESTIMATED ACCURACY		DATE
			± 0.3 mgals		MONTH/YEAR
					11/69

DESCRIPTION AND/OR SKETCH

The mark is located south of the Baghdad Highway and north of the IPC buried pipe line; 50.15 kilometers north of EM C216 of wadi Ar-Ruwaishid and 68.23 kilometers east of H4.

The mark is a 3 cm bolt, stamped ASC-C243, set in the top of a concrete post projecting 0.15 meter above the ground.

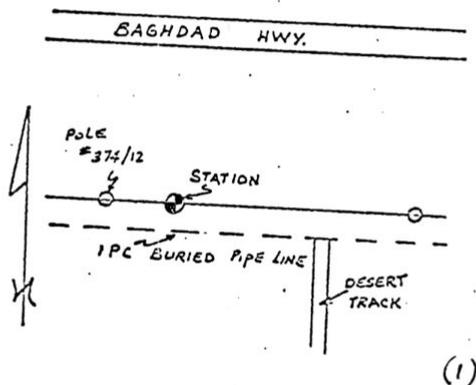
100.0 meters south of the Baghdad Highway.

10.0 meters north of the IPC buried pipe line and in line with the telephone and telegraph poles.

3.25 meters northwest of the centerline of an earth and rock cairn.

3.0 meters northeast of the rim of the base of pole no 374/12.

2.30 meters southeast of the centerline of an earth and rock cairn. (1)



REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
32° 05.82'N (1)		QARYTAIN	
LONGITUDE		COUNTRY/STATE	
37° 01.42'E (1)		Jordan	
ELEVATION		ADOPTED GRAVITY VALUE	
714.31 METERS (1)		g = 979 315.11 mgals	
REFERENCE CODE NUMBERS		ESTIMATED ACCURACY	
ACIC 3741-1		± 0.3 mgals	
		DATE	
		MONTH/YEAR	
		11/69	

DESCRIPTION AND/OR SKETCH

The mark is located 5.31 kilometers southeast of the Qarytain Pumping Station on the north side of the tap-line road.

The mark is a 3 cm bolt, stamped ASC-C93 set in the top of a concrete post projecting 0.25 meter above the ground.

16.0 meters north of the tap-line road centerline.

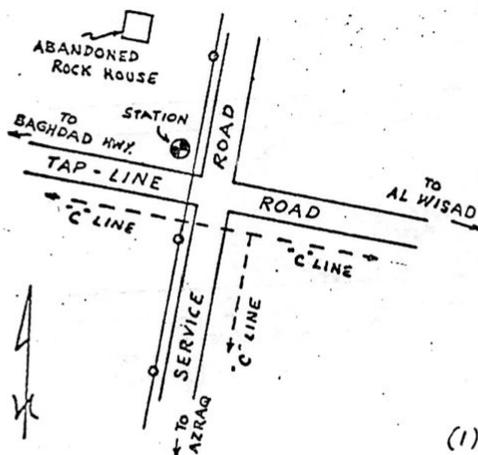
13.1 meters west of Azraq road.

2.72 meters northwest of the centerline of a rock cairn.

2.70 meters northeast of the centerline of a rock cairn.

2.07 meters southeast of the centerline of a rock cairn.

(1)



(1)

REFERENCE SOURCE

(1) 02521

GRAVITY BASE STATION

LATITUDE	33° 30.70'N	(1)	STATION DESIGNATION	
LONGITUDE	36° 17.62'E	(1)	DAMASCUS (DAMAS)	
ELEVATION	695.44	METERS (1)	COUNTRY/STATE	
			Syria	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3742-1			g = 979 431.82 mgals	
			ESTIMATED ACCURACY	
			DATE	
			± 0.4 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

At the Hedjas station (also called Qanawat). In the southeast corner of the grand passenger waiting room. (1)

REFERENCE SOURCE

(1) 00468

45

GRAVITY BASE STATION

LATITUDE	25° 21.1'N	(1)	STATION DESIGNATION	
LONGITUDE	55° 24.2'E	(1)	SHARJAH	
ELEVATION	1.8	METERS (1)	COUNTRY/STATE Trucial States	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3743-1			g = 978 901.62 mgals	
WA 2075				
			ESTIMATED ACCURACY	DATE
			± 0.5 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

RAF Airfield, just inside large doors at Fort. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		34° 43.40'N	(1)	STATION DESIGNATION	
LONGITUDE		36° 42.10'E	(1)	HOMS (HIMS) (EMESA)	
ELEVATION		506.90	METERS (1)	COUNTRY/STATE	
				Syria	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 3745-1			g = 979 581.72 mgals		
			ESTIMATED ACCURACY		DATE
			± 0.4 mgals		MONTH/YEAR
					10/70

DESCRIPTION AND/OR SKETCH

On the railway platform at the station set in the corner of the buffet room about 1.3 meters in front of the wall. (1)

REFERENCE SOURCE

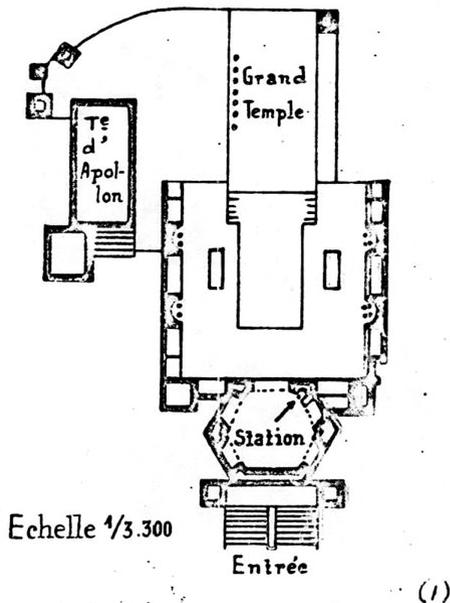
(1) 00468

GRAVITY BASE STATION

LATITUDE	34° 00.5'N	(1)	STATION DESIGNATION	
LONGITUDE	36° 12.2'E	(1)	BAALBEK	
ELEVATION	1140	METERS (1)	COUNTRY/STATE Lebanon	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3746-1			$g = 979\ 399.88$ mgals	
			ESTIMATED ACCURACY	DATE
			+ 0.4 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

In front of a hexagonal temple in a niche of the statue of Jupiter of the bulls. On the ground 1.39 meters from the lower part of the base of the statue. (1)



REFERENCE SOURCE

(1) 00468

GRAVITY BASE STATION

LATITUDE		33° 16.48'N	(1)	STATION DESIGNATION	
LONGITUDE		35° 11.65'E	(1)	TYRE (SUR)	
ELEVATION		1.5	METERS (1)	COUNTRY/STATE	
				Lebanon	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 3747-1			g = 979 648.20 mgals		
			ESTIMATED ACCURACY		DATE
			± 0.4 mgals		MONTH/YEAR
					10/70

DESCRIPTION AND/OR SKETCH

At the harbor, at the house of the former director. The house with triple-bay windows looking to the east-southeast. Against the wall of the house at the last of the two main gates. (1)

REFERENCE SOURCE

(1) 00468

GRAVITY BASE STATION

LATITUDE		34° 26.94'N	(1)	STATION DESIGNATION	
LONGITUDE		35° 49.60'E	(1)	TRIPOLI (TARABULUS)	
ELEVATION		1.84	METERS (1)	COUNTRY/STATE	
				Lebanon	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE	
ACIC 3748-1				g = 979 708.07 mgals	
				ESTIMATED ACCURACY	
				DATE	
				MONTH/YEAR	
				10/70	
				± 0.4 mgals	

DESCRIPTION AND/OR SKETCH

At the harbor, in front of B.M. D 20 on the pavement of the quay about 0.29 meter below the B.M.

(1)

REFERENCE SOURCE

(1) 00468

GRAVITY BASE STATION

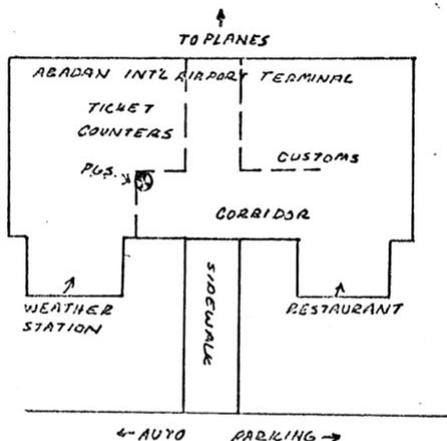
LATITUDE 30° 22.1'N (1)		STATION DESIGNATION	
LONGITUDE 48° 13.6'E (1)		ABADAN	
ELEVATION 2 METERS (1)		COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4041-2		g = 979 317.99 mgals	
IGB 14008J			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located at the Abadan International Airport, Abadan, Iran.

The station is located on the floor in the northwest corner of the outside corridor which leads to the ticket and baggage offices.

To reach station from auto parking area, proceed to the terminal building to main entrance and station site. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

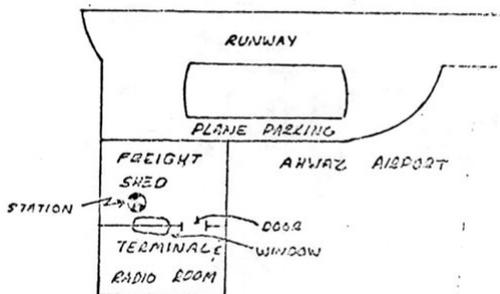
LATITUDE 31° 21'N (1)	STATION DESIGNATION AHWAZ	
LONGITUDE 48° 40'E (1)		
ELEVATION METERS	COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
AGIC 4042-2	$g = 979\ 369.97$ mgals	
IGB 14018J		
	ESTIMATED ACCURACY	DATE
	± 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located at the Ahwaz Airport, Ahwaz, Iran.

Station is located on the concrete floor in the freight shed. Station is located under the center of the window to the radio room and against the wall.

(1)



(1)

REFERENCE SOURCE

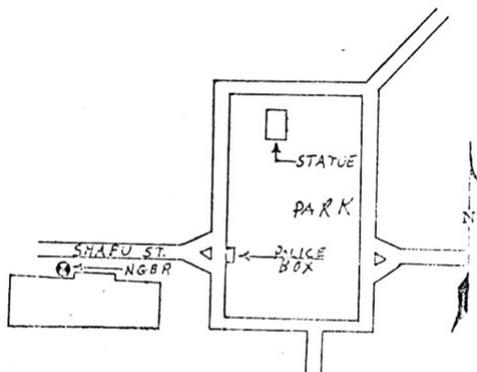
(1) 03605

GRAVITY BASE STATION

LATITUDE		34° 05'N (1)	STATION DESIGNATION	
LONGITUDE		49° 41'E (1)	ARAK	
ELEVATION		METERS	COUNTRY/STATE	
			Iran .	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4043-2			g = 979 164.68 mgals	
IGB 14049B				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

The station is located in the city of Arak, west from the main city square on Shafu street. The station is located by the second house south side of the street. The meter was read on the sidewalk 2 feet east from the service gate to the house and one foot north from the wall. (1)



(1)

REFERENCE SOURCE

(1) 03605

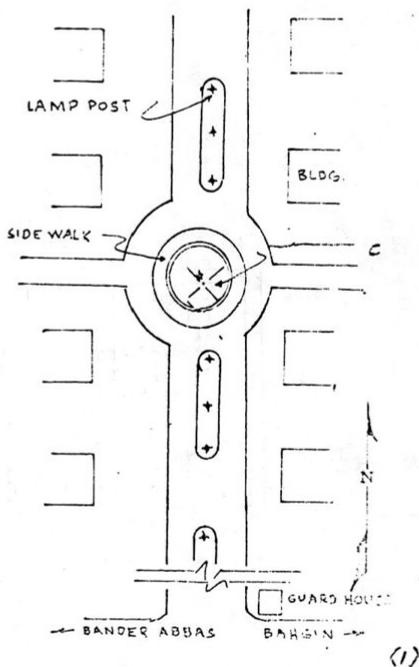
GRAVITY BASE STATION

LATITUDE 27° 11.72' N (1)	STATION DESIGNATION	
LONGITUDE 56° 19.5' E (1)	BANDAR ABBAS	
ELEVATION 15 METERS (1)	COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4044-2	$g = 979\ 005.28$ mgals	
IGB 10376C		
		ESTIMATED ACCURACY
		DATE
± 0.3 mgals		MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Bandar Abbas NGBR is located at center of main circle in Naiband Navy Compound 2 miles east of Bandar Abbas Air Port.

Station is base of a 1" iron pipe in center of circle. (1)



REFERENCE SOURCE

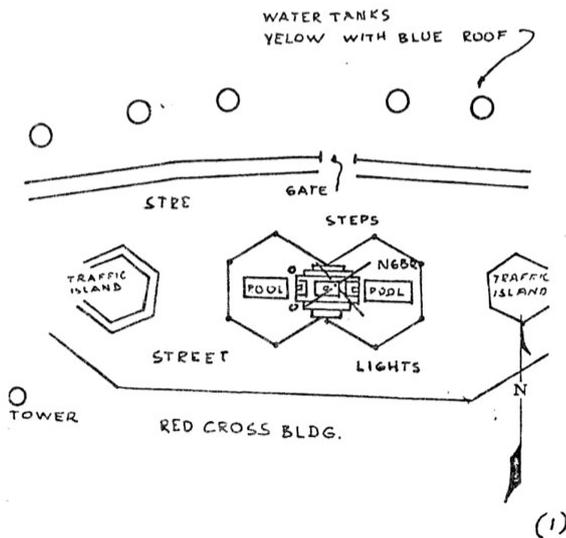
(1) 03605

GRAVITY BASE STATION

LATITUDE 26° 33.0'N (1)	STATION DESIGNATION	
LONGITUDE 54° 52.5'E (1)	BANDAR LENGEH	
ELEVATION 5 METERS (1)	COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIG 4045-2	$g =$ 979 011.55 mgals	
IGB 10364B		
		ESTIMATED ACCURACY
		DATE
+ 0.3 mgals		MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located in the new portion of the city of Bandar Lengeh. Upon entering the city from the east, turn left or south at the circle, then proceed right or west through town to the north side of the new part, then proceed on road towards the airport and station site. The station is located at the northeast corner of the Shah's statue. The statue faces east. (1)



REFERENCE SOURCE

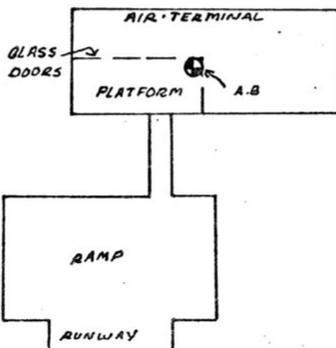
(1) 03605

GRAVITY BASE STATION

LATITUDE	28° 57.5'N	(1)	STATION DESIGNATION	
LONGITUDE	50° 49.5'E	(1)	BUSHEHR	
ELEVATION	4	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4046-2			g = 979 169.37 mgals	
IGB 10380J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located at the Bushehr Airport, Bushehr, Iran. Station is located at the Bushehr Airport on the entrance platform to the airterminal. Station is at the northeast corner of the platform on the floor next to the intersection of the glass doors and the terminal wall. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

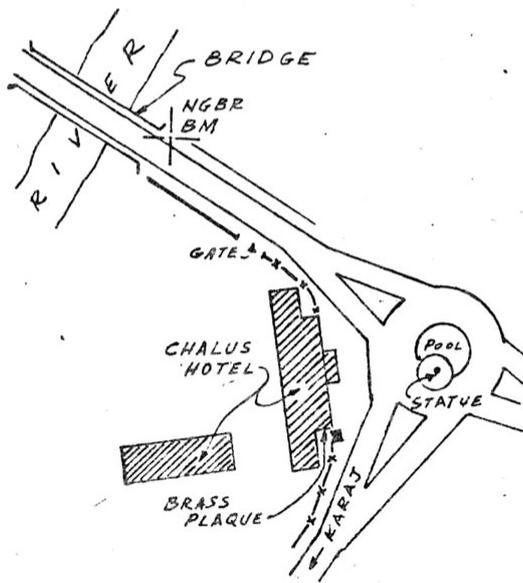
LATITUDE		36° 39.4'N (1)	STATION DESIGNATION	
LONGITUDE		51° 25.4'E (1)	CHALUS	
ELEVATION		27.94 METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4047-2			$g = 979\ 839.14$ mgals	
			ESTIMATED ACCURACY	
			± 0.3 mgals	
			DATE	
			7/71	

DESCRIPTION AND/OR SKETCH

The station is located in the city of Chalus, at the SE corner of Chalus hotel, directly W from the traffic circle.

The station is monumented with a Tehran University, Institute of Geophysics brass plaque set in south wall of SE corner of the main hotel building.

The readings was made on the sidewalk 20 cm S of drain pipe at SE corner of building, next to the iron railing fence. (1)



(1)

REFERENCE SOURCE

(1) 03628

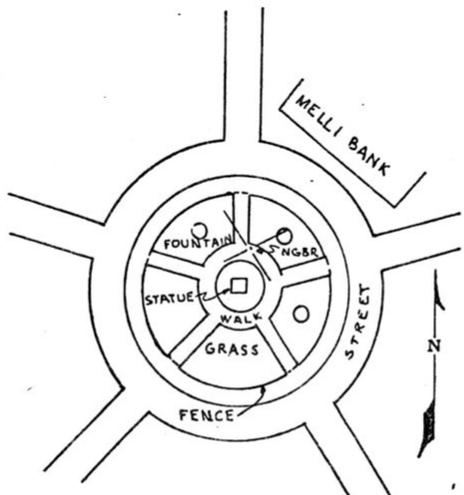
GRAVITY BASE STATION

LATITUDE	34° 48'N (1)	STATION DESIGNATION	
LONGITUDE	48° 31'E (1)	HAMADAN	
ELEVATION	METERS	COUNTRY/STATE	
		Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4048-2		g = 979 222.96 mgals	
IGB 14048B			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

Station is located at main circle in Hamadan. Station is a 2 inch circular metal pipe sunk into the cement foundation of the circle; set flush with the ground.

To reach station, proceed to large tree north of statue and approximately 1-2/3 meters east of walk leading north from statue to gate and street. (1)



(1)

REFERENCE SOURCE

(1) 03605

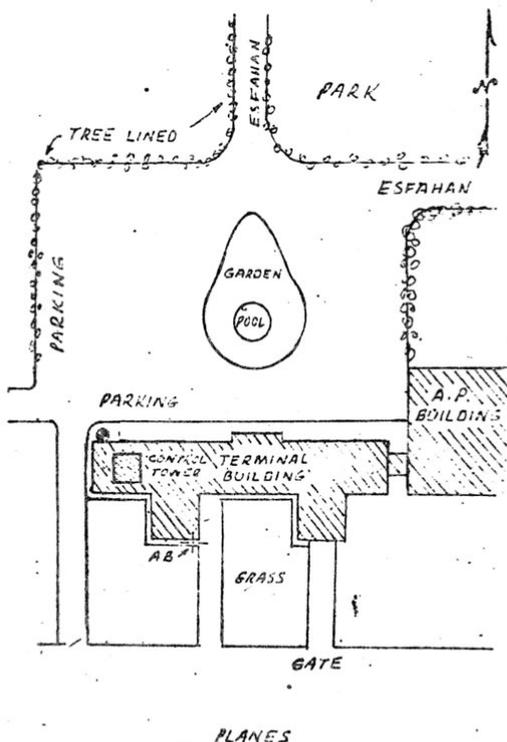
GRAVITY BASE STATION

LATITUDE		32° 37.55' N	(1)	STATION DESIGNATION	
LONGITUDE		51° 41.1' E	(1)	ESFAHAN	
ELEVATION		1588.59	METERS (1)	COUNTRY/STATE	
				Iran	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE	
ACIC 4049-3				$g = 979\ 076.21$ mgals	
				ESTIMATED ACCURACY	
				DATE	
				MONTH/YEAR	
				+ 0.3 mgals	
				7/71	

DESCRIPTION AND/OR SKETCH

The station is located at the NW corner of the airport terminal building in the city of Esfahan.

The station is monumented with a Tehran University, Institute of Geophysics brass plaque set in north side of wall at NW corner of airport terminal building. The readings was made on the sidewalk directly below the brass plaque, north side of wall at NW corner of the building. (1)



REFERENCE SOURCE

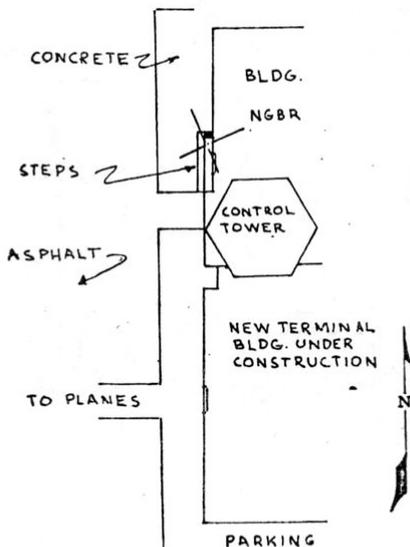
(1) 03628

GRAVITY BASE STATION

LATITUDE	30° 16.1'N (1)	STATION DESIGNATION	KERMAN
LONGITUDE	56° 59.5'E (1)	COUNTRY/STATE	Iran
ELEVATION	1298 METERS (1)	ADOPTED GRAVITY VALUE	$g = 978\ 842.99$ mgals
REFERENCE CODE NUMBERS	ACIC 4051-3 IGB 13906K	ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located at the new Kerman Airport Terminal Building, under construction. The station is located on north corner of top step of entrance to radio tower on field side. (1)



(1)

REFERENCE SOURCE

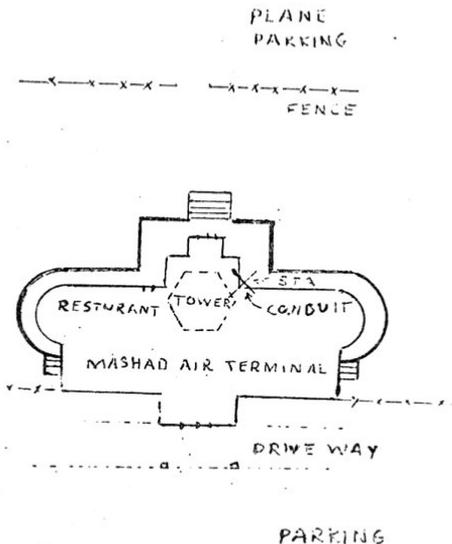
(1) 03605

GRAVITY BASE STATION

LATITUDE	36° 15'N	(1)	STATION DESIGNATION	
LONGITUDE	59° 37'E	(1)	MASHHAD	
ELEVATION	990.28	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4052-2			g = 979 554.59 mgals	
IGB 13969J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

The station is located at the Mashad City Air Terminal building, east of the main doors leading to the planes, in recessed corner on the floor between two small conduits and large drain pipe. The airport is located south edge of the city of Mashad on the road that goes to Neishabur. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

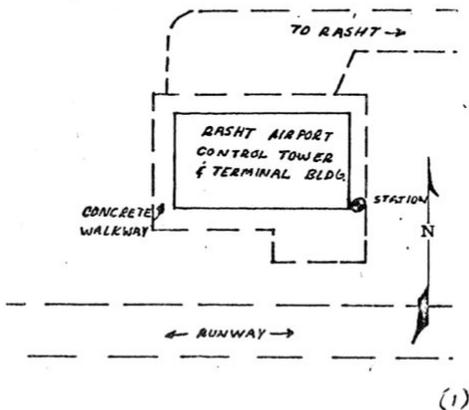
LATITUDE	37° 15.5'N	(1)	STATION DESIGNATION RASHT	
LONGITUDE	49° 35' E	(1)		
ELEVATION	- 10	METERS (1)	COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4053-2			$g =$ 979 907.46 mgals	
IGB 14079				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located at the Rasht, Airport.

Station is on sidewalk at southeast corner of building and on the east side of building. Station is marked with black "X".

To reach station and airport from circle at the Iran Hotel, proceed south on Teheran Highway 0.7 mile, then turn right and proceed 0.4 mile, thence turn right and proceed along dirt road, 1.1 miles to airport and station site. (1)



REFERENCE SOURCE

(1) 03605

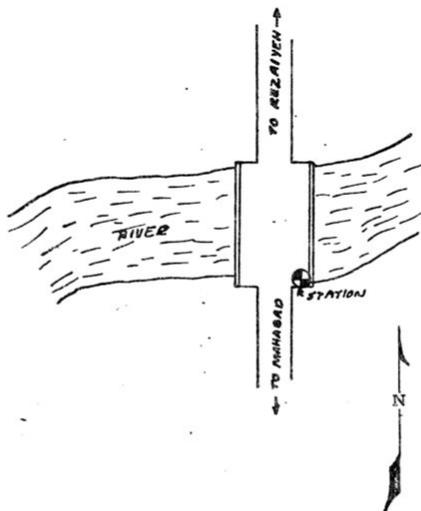
GRAVITY BASE STATION

LATITUDE	37° 32.2'N	(1)	STATION DESIGNATION	
LONGITUDE	45° 06.4'E	(1)	REZAIYEH	
ELEVATION	1321	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4054-2			$g = 979\ 587.09$ mgals	
IGB 14075B				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located in Rezaiyeh, Iran, at the south edge of town. Station is the top of southeast corner of bridge and is marked "X" and the letters "NGBR".

To reach station from the first Shah's circle when entering Rezaiyeh from the north, turn left (south), proceed 2.3 miles to bridge and station site. (1)



(1)

REFERENCE SOURCE

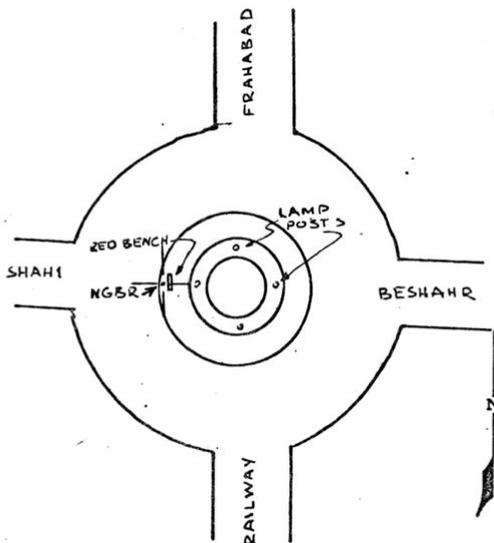
(1) 03605

GRAVITY BASE STATION

LATITUDE	36° 34'N	(1)	STATION DESIGNATION	
LONGITUDE	53° 02'E	(1)		
ELEVATION	METERS		COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4055-2			g = 979 842.33 mgals	
IGB 13963B				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

The Sari NGBR is located in Sari, Iran. To reach this NGBR in Sari from Shahi of Gorgan, proceed along the main road to Sari. Upon arriving in Sari, proceed to the main circle of Sari. The NGBR is located at the outer edge of the circle, behind a red bench and underneath a yellow direction sign. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

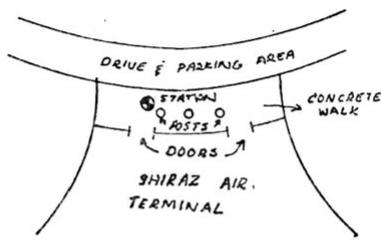
LATITUDE		29° 32.85' N	(1)	STATION DESIGNATION	
LONGITUDE		52° 35.3' E	(1)	SHIRAZ	
ELEVATION		1494	METERS (1)	COUNTRY/STATE	
				Iran	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE	
ACIC 4056-2				$g = 978\ 852.78$ mgals	
IGB 10392J					
				ESTIMATED ACCURACY	DATE
				+ 0.3 mgals	MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Station is located on the west side of the most western column at the entrance to the Shiraz Airport terminal from the auto parking lot.

Airport is located south of the city of Shiraz.

(1)



(1)

REFERENCE SOURCE

(1) 03605

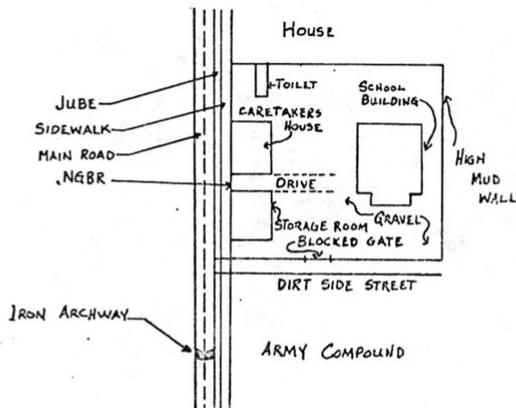
GRAVITY BASE STATION

LATITUDE	38° 05'N	(1)	STATION DESIGNATION	
LONGITUDE	46° 18'E	(1)	TABRIZ	
ELEVATION	METERS		COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4057-2			g = 979 584.48 mgals	
IGB 14086B				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

The station is located in the city of Tabriz, at the Tabriz school, next to an Army compound.

To reach the station from the east edge of town proceed along main street to the second traffic circle. Turn left by this traffic circle and proceed for 0.6 mile to the school compound, at east side of road. The reading was made on sidewalk at northwest corner of gate to the school compound. (1)



(1)

REFERENCE SOURCE

(1) 03605

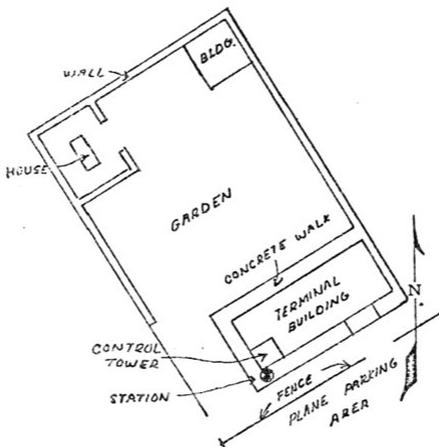
GRAVITY BASE STATION

LATITUDE	29° 28.8'N	(1)	STATION DESIGNATION	
LONGITUDE	60° 54.2'E	(1)	ZAHEDAN	
ELEVATION	1375	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4058-2			g = 978 915.08 mgals	
IGB 10290J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located in Zahedan, Iran, at the city airport. Station is on concrete walk at southeast corner of the control tower.

To reach station from large circle in south Zahedan, proceed along Mirjaveh road for 1.2 miles, turn left and proceed 1.2 miles to airport and station site. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

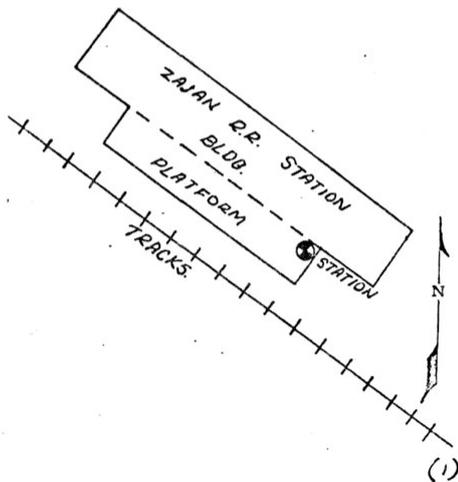
LATITUDE	36° 39.5'N	(1)	STATION DESIGNATION	ZANJAN
LONGITUDE	48° 28.5'E	(1)		
ELEVATION	1619.9	METERS (1)	COUNTRY/STATE	Iran
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4059-2			$g =$	979 417.96
IGB 14068B				mgals
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located at Zanzan Railroad Station approximately 194 miles northwest of Teheran. BM is located in the southwest wall of Station Building, approximately 1.0' above platform level and approximately 30 feet northwest of Building Corner. BM is a standard aluminum disc. BM is BM CF 41.

To reach station from Zanzan, proceed to RR station on south edge of town and BM site.

Zanzan NGBR is located on platform directly in front of BM. (1)



REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

LATITUDE		35° 09.8'N	(1)	STATION DESIGNATION	
LONGITUDE		33° 20.8'E	(1)	NICOSIA	
ELEVATION		160.0	METERS (1)	COUNTRY/STATE	
				Cyprus	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4289-1			g = 979 848.23 mgals		
			ESTIMATED ACCURACY		DATE
			± 0.5 mgals		MONTH/YEAR
					5/71

DESCRIPTION AND/OR SKETCH

At the house formerly occupied by Mr Mace (C. Mace) off of Kykkos Road, on garage floor. (2)

REFERENCE SOURCE

(1) 00912

(2) 00115

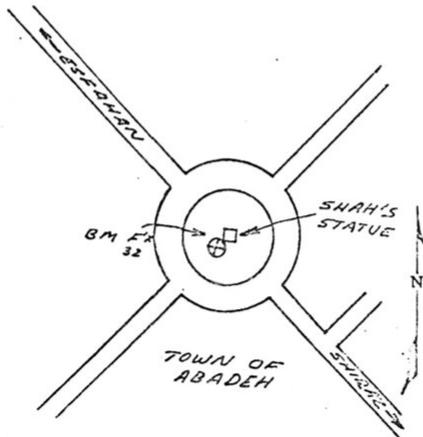
GRAVITY BASE STATION

LATITUDE	31° 09.7'N	(1)	STATION DESIGNATION	
LONGITUDE	52° 39.0'E	(1)	ABADEH	
ELEVATION	2004.8	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4376-1			$g =$	978 837.07
IGB 13912B				mgals
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located in Abadeh, Iran. Station is atop BM F'X 32 which is set in platform of circle in center of Abadeh. BM is a 0.5 inch steel rod, 2.0 ft west of southwest corner of base of statue. Platform is 1.5 ft above ground level.

To reach Abadeh NGBR (BM F'X 32) proceed south on Esfahan - Shiraz Road 79.3 miles from main circle in Shahreza to main circle in Abadeh. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

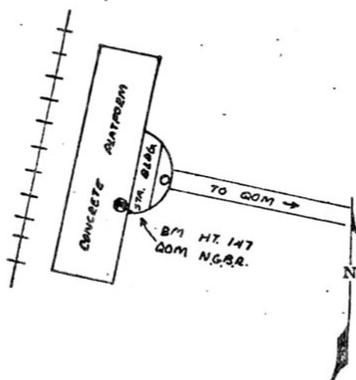
LATITUDE		34° 38.97'N (1)	STATION DESIGNATION	
LONGITUDE		50° 52.38'E (1)	QOM (GHUM) (QUM)	
ELEVATION		929.84 METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIG 4377-1			$g = 979\ 397.85$ mgals	
IGB 13940B				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located in Qom, Iran at the city railroad station. Station is read on concrete platform directly below standard N.C.C. EM Disc.

To reach station from Qom Rud River Bridge, proceed north on Tehran Highway 0.1 mile to intersection, proceed northwest for 0.2 mile to Qom RR Station and station site.

EM is set in wall of west-southwest corner of building. EM is EM HT 147. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

LATITUDE	29° 21.7'N	(1)	STATION DESIGNATION	
LONGITUDE	48° 00.0'E	(1)	AL KUWAYT (KUWAIT)	
ELEVATION	6.1	METERS (1)	COUNTRY/STATE	
			Kuwait	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4379-1			g = 979 267.84 mgals	
WA 2049				
			ESTIMATED ACCURACY	DATE
			± 0.5 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Kuwait Airport, in the terminal next to door of sitting porch on side of terminal away from field. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE	34° 14.0'N	(1)	STATION DESIGNATION	
LONGITUDE	41° 20.0'E	(1)	AL QAIM	
ELEVATION	317.9	METERS (1)	COUNTRY/STATE	
			Iraq/Ramadi	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4383-1			g =	979 598.13
WA 2029				
			ESTIMATED ACCURACY	DATE
			± 0.5	MONTH/YEAR
			mgals	7/71

DESCRIPTION AND/OR SKETCH

T-1 Pumping Station, Iraq Petroleum Station, in corner of waiting room. (1)

T-1 is approximately 15 miles southeast of Al Qaim.

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE	34° 04.3'N	(1)	STATION DESIGNATION	
LONGITUDE	42° 20.8'E	(1)	AL HADITHAH	
ELEVATION	144.8	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4384-1			g = 979 619.54 mgals	
WA 2028				
			ESTIMATED ACCURACY	DATE
			+ 0.5 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

K-3 Pumping Station, Iraq Petroleum Company Station, in lounge of hangar. (1)

K-3 is approximately 10 miles southwest of Al Hadithah.

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		35° 30.6'N	(1)	STATION DESIGNATION	
LONGITUDE		44° 18.3'E	(1)	KIRKUK	
ELEVATION		307.2	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		Iraq/Kirkuk			
ACIC 4385-1		ADOPTED GRAVITY VALUE			
WA 2027		g =		979 657.40	mgals
		ESTIMATED ACCURACY		DATE	
		± 0.5 mgals		MONTH/YEAR	
				7/71	
DESCRIPTION AND/OR SKETCH					
<p>Iraq Petroleum Company landing ground K-1, inside waiting room, to left as you enter. (1)</p> <p>K-1 is west of Kirkuk, approximately 10 miles.</p>					
REFERENCE SOURCE					
(1) 00916					

GRAVITY BASE STATION

LATITUDE		30° 34.0'N (1)	STATION DESIGNATION	
LONGITUDE		47° 46.6'E (1)	BASRA	
ELEVATION		2.4 METERS (1)	COUNTRY/STATE	
			Iraq/Basra	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4386-1			$g = 979\ 323.04$ mgals	
WA 2026				
			ESTIMATED ACCURACY	DATE
			± 0.5 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Margil Airport, to right of base of steps to field entrance to airport terminal. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
33° 19.3'N	(1)	BAGHDAD	
LONGITUDE			
45° 22.6'E	(1)	COUNTRY/STATE	
ELEVATION		Iraq/Baghdad	
34.1	METERS (1)	ADOPTED GRAVITY VALUE	
REFERENCE CODE NUMBERS		g = 979 545.94 mgals	
ACIC 4387-1			
WA 2025			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

Baghdad Airport, 4 ft above field level in large central room, off to the left of traffic door, beneath BOAC sign. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE	36° 41.1'N	(1)	STATION DESIGNATION	
LONGITUDE	42° 36.1'E	(1)	AIN ZALAH	
ELEVATION	374.6	METERS (1)	COUNTRY/STATE Iraq/Mosul	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4388-1			$g =$ 979 783.04 mgals	
WA 2024				
			ESTIMATED ACCURACY	DATE
			+ 0.5 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Mosul Petroleum Company Airfield, to left of door to airport rest room. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		27° 19.7'N	(1)	STATION DESIGNATION	
LONGITUDE		48° 59.3'E	(1)	ABU HADRIYAH	
ELEVATION		24.4	METERS (1)	COUNTRY/STATE	
				Saudi Arabia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4410-1			g = 979 107.43 mgals		
WA 2067					
			ESTIMATED ACCURACY		DATE
			± 0.5 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Abu Hadriyah Airport. At base of wind sock mast on runway level. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE	26° 16.4'N	(1)	STATION DESIGNATION	
LONGITUDE	50° 10.0'E	(1)	DHAHRAN (AZ ZAHRAN)	
ELEVATION	21.3	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4411-1			g = 978 998.03 mgals	
WA 2068				
			ESTIMATED ACCURACY	DATE
			± 0.5 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Dhahran Air Force Base, on front top step, right side from field, just outside lobby entrance (old terminal). (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		28° 01.4'N (1)		STATION DESIGNATION		RAS AL MISHAB (RAS MISHAAB)	
LONGITUDE		48° 51.8'E (1)					
ELEVATION		6.1 METERS (1)		COUNTRY/STATE			
				Saudi Arabia			
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE			
ACIC 4412-1				g =		979 168.63 mgals	
WA 2070							
				ESTIMATED ACCURACY		DATE	
				± 0.5 mgals		MONTH/YEAR	
						7/71	

DESCRIPTION AND/OR SKETCH

Ras Al Mishab Airstrip, on runway at fence opposite customs office shed. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		27° 18.78'N	(1)	STATION DESIGNATION	
LONGITUDE		35° 43.21'E	(1)	DHABA (DUBA)	
ELEVATION		3.0	METERS (1)	COUNTRY/STATE	
				Saudi Arabia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4413-1			g = 979 137.69 mgals		
			ESTIMATED ACCURACY		DATE
			+ 2.0 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Beside Dhaba about three kilometers south of Dhaba on the coastal road between Dhaba and Wajh, at sea level. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE		25° 15.70'N	(1)	STATION DESIGNATION	
LONGITUDE		45° 14.43'E	(1)	SHAQRA (ASH SHAQRA)	
ELEVATION		609.6	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE			
ACIC 4414-1				$g = 978\ 823.39$ mgals	
				ESTIMATED ACCURACY	
				DATE	
				MONTH/YEAR	
				+ 2.0 mgals	
				7/71	

DESCRIPTION AND/OR SKETCH

Shagra Airport, at the entrance of passengers waiting tent at field level. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE		25° 53.71'N (1)	STATION DESIGNATION	
LONGITUDE		43° 28.48'E (1)	AL RASS (AR RASS) (ER RAS)	
ELEVATION		609.6 METERS (1)	COUNTRY/STATE Saudi Arabia	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE		
ACIC 4416-1		g = 978 810.09 mgals		
		ESTIMATED ACCURACY		DATE
		+ 2.0 mgals	MONTH/YEAR 7/71	

DESCRIPTION AND/OR SKETCH

Al Rass Airport on ground at field level beside the northeast corner of airport building. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE		25° 56.00'N	(1)	STATION DESIGNATION	
LONGITUDE		45° 20.70'E	(1)	MAJMAAH (MAJMAA)	
ELEVATION		609.6	METERS (1)	COUNTRY/STATE	
				Saudi Arabia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4417-1				g =	978 860.71 mgals
				ESTIMATED ACCURACY	DATE
				+ 2.0 mgals	MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Majmaah Airport, at the entrance of passengers waiting tent at field level. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE	26° 19.43'N	(1)	STATION DESIGNATION	
LONGITUDE	43° 58.16'E	(1)	BURAIDAH (BURAYDAH) (BURAIDA)	
ELEVATION	582.2	METERS (1)	COUNTRY/STATE	
			Saudi Arabia	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE		
ACIC 4418-1			g = 978 891.13	mgals
			ESTIMATED ACCURACY	DATE
			+ 2.0 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Buraidah Airport, on concrete platform, right of the entrance porch to ticket office from field. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE		27° 31.28'N	(1)	STATION DESIGNATION	
LONGITUDE		41° 45.16'E	(1)	HAYIL (HAIL)	
ELEVATION		609.6	METERS (1)	COUNTRY/STATE	
				Saudi Arabia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4419-1			$g = 978\ 890.23$ mgals		
			ESTIMATED ACCURACY		DATE
			± 2.0 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Hayil Airport, on ground at field level, beside the northern corner of the airport building (beneath the wind sock). (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE	24° 35.55'N	(1)	STATION DESIGNATION	
LONGITUDE	39° 53.88'E	(1)	MEDINA (AL MADINAH)	
ELEVATION	616.9	METERS (1)	COUNTRY/STATE	
			Saudi Arabia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4420-1			g = 978 743.04 mgals	
			ESTIMATED ACCURACY	DATE
			± 2.0 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Medina Airport terminal, on a cement gravity base station, 30 feet north of main entrance of Airport building from field. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE	18° 08.78'N	(1)	STATION DESIGNATION	
LONGITUDE	42° 46.50'E	(1)	ABHA	
ELEVATION	1889.8	METERS (1)	COUNTRY/STATE	
			Saudi Arabia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4421-1			g = 978 014.18 mgals	
			ESTIMATED ACCURACY	DATE
			+ 2.0 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Khamis Mushait Airport, at the entrance of passengers waiting tent at field level. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE	16° 54.56'N	(1)	STATION DESIGNATION	
LONGITUDE	42° 32.93'E	(1)	QIZAN	
ELEVATION	3.0	METERS (1)	COUNTRY/STATE	
			Saudi Arabia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4422-1			g =	978 491.28 mgals
			ESTIMATED ACCURACY	DATE
			± 2.0 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Qizan Airport, on the ground at the field level, beside the eastern corner of the ticket office shed. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE		17° 31.11'N	(1)	STATION DESIGNATION	
LONGITUDE		43° 48.00'E	(1)	NAJRAN	
ELEVATION		1981.2	METERS (1)	COUNTRY/STATE Saudi Arabia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4423-1				g =	978 162.18 mgals
				ESTIMATED ACCURACY	DATE
				+ 2.0 mgals	MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Najran Airport, at the entrance of passengers waiting tent at field level. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE		19° 57.43'N (1)		STATION DESIGNATION	
LONGITUDE		43° 12.41'E (1)		BISHAH (QAL AT BISHAN) (BISHA)	
ELEVATION		1214.9 METERS (1)		COUNTRY/STATE	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE	
ACIC 4424-1				g = 978 303.06 mgals	
				ESTIMATED ACCURACY	
				DATE	
				MONTH/YEAR	
		± 2.0 mgals		7/71	

DESCRIPTION AND/OR SKETCH

Bishah Airport, at the entrance of passengers waiting tent at field level. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE	21° 13.43'N	(1)	STATION DESIGNATION	
LONGITUDE	41° 38.41'E	(1)	TARABAH (TURABA) (TURABAH)	
ELEVATION	1066.8	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4425-1			$g = 978\ 416.03$ mgals	
			ESTIMATED ACCURACY	DATE
			± 2.0 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Tarabah Airport, at the entrance of the passengers waiting tent at field level.

(1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE		24° 39.43'N	(1)	STATION DESIGNATION	
LONGITUDE		46° 43.55'E	(1)	RIYADH (AR RIYAD)	
ELEVATION		578.2	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE			
ACIC 4426-1				g = 978 817.68 mgals	
				ESTIMATED ACCURACY	
				DATE	
				MONTH/YEAR	
		± 2.0 mgals		7/71	

DESCRIPTION AND/OR SKETCH

Riyadh Airport terminal, on small concrete porch, 3 feet above field level at the entrance of parcels office from field (in front of the control tower).

(1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE	31° 24.6'N	(1)	STATION DESIGNATION	
LONGITUDE	37° 24.31'E	(1)	QURAYYAT	
ELEVATION	559.8	METERS (1)	COUNTRY/STATE	
			Saudi Arabia	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE		
ACIC 4428-1			g = 979 273.47 mgals	
			ESTIMATED ACCURACY	DATE
			± 2.0 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Qurrayat Airstrip, on ground beside the base of wind sock mast at field level.

(1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE		31° 40.86'N (1)		STATION DESIGNATION	
LONGITUDE		38° 32.93'E (1)		TURAIF (TURAYF)	
ELEVATION		835.1 METERS (1)		COUNTRY/STATE	
				Saudi Arabia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4429-1			g = 979 246.95 mgals		
			ESTIMATED ACCURACY		DATE
			± 2.0 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Turaif Airport on the concrete platform beside the entrance to the passport office from field. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE	29° 58.56'N	(1)	STATION DESIGNATION	
LONGITUDE	40° 12.16'E	(1)	SAKAKA (SAKAKAH)	
ELEVATION	544.1	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4430-1			g = 979 156.80 mgals	
			ESTIMATED ACCURACY	DATE
			± 2.0 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Sakaka Airport at the base of wind sock mast, two feet above field level. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE	28° 23.00'N	(1)	STATION DESIGNATION		
LONGITUDE	36° 34.71'E	(1)	TABUK (TEBUK)		
ELEVATION	775.1	METERS (1)	COUNTRY/STATE	Saudi Arabia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4431-1			$g =$	978 961.37	mgals
			ESTIMATED ACCURACY		DATE
			± 2.0	mgals	MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Tabuk Airport at the entrance of passengers waiting tent at the field level. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE	26° 14.16'N	(1)	STATION DESIGNATION	
LONGITUDE	36° 27.21'E	(1)	AL WAJH (WEJH)	
ELEVATION	3.0	METERS (1)	COUNTRY/STATE	
			Saudi Arabia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4432-1			g = 979 058.94 mgals	
			ESTIMATED ACCURACY	DATE
			+ 2.0 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Wajh Airport, on the ground at the field, beside the door of the ticket office shed. (1)

REFERENCE SOURCE

(1) 00923

GRAVITY BASE STATION

LATITUDE 24° 05.83'N (1)		STATION DESIGNATION	
LONGITUDE 38° 03.00'E (1)		YANBU (YENBO)	
ELEVATION 4.6 METERS (1)		COUNTRY/STATE Saudi Arabia	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4433-1		g = 978 917.65 mgals	
		ESTIMATED ACCURACY	DATE
		+ 2.0 mgals	MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

Yanbu Airport on ground at field level beside the northeast corner of the airport building (beneath the wind sock). (1)

REFERENCE SOURCE

(1) 00923

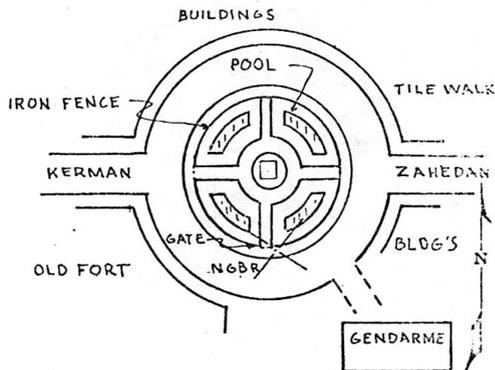
GRAVITY BASE STATION

LATITUDE	29° 06'N	(1)	STATION DESIGNATION	
LONGITUDE	58° 19'E	(1)	BAM	
ELEVATION	1077.0	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4434-1			g = 978 966.29 mgals	
IGB 10398B				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located in Bam, Iran, at the city's most westerly traffic circle. To reach station, proceed to Bam on the Kerman Highway to the first traffic circle. Station was read on tile sidewalk around circle at the east edge of the south entrance gate to the park inside of circle.

Meter was read on the tile sidewalk east side of the gate. (1)



(1)

REFERENCE SOURCE

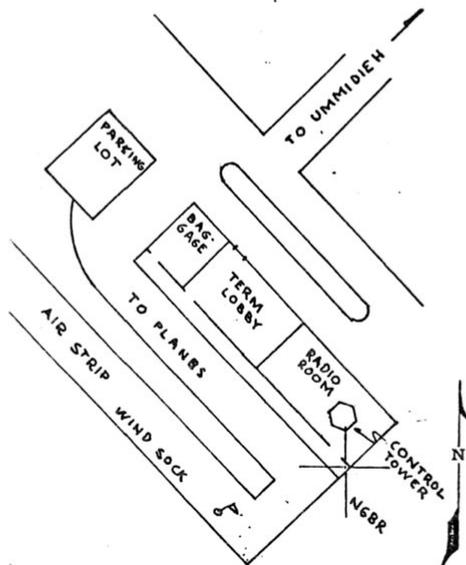
(1) 03605

GRAVITY BASE STATION

LATITUDE 30° 45'N (1)		STATION DESIGNATION	
LONGITUDE 49° 41'E (1)		AGHA JARI	
ELEVATION METERS		COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4435-1		g = 979 301.22 mgals	
IGB 14009J			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located in southwest corner of the control tower of Agha Jari Airport. To reach the station from Ummidieh, proceed 3.5 miles through the main street that leads to the airport. Agha Jari Airport is 5 kms southwest of Ummidieh. It is approximately 35 road kms from Agha Jari. It is locally known as Ummidieh Airport. To reach from Ahwaz, drive along the highway Ahwaz-Khulafabad and Khalafabad-Agha Jari road for approximately 180 kms to Ummidieh. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

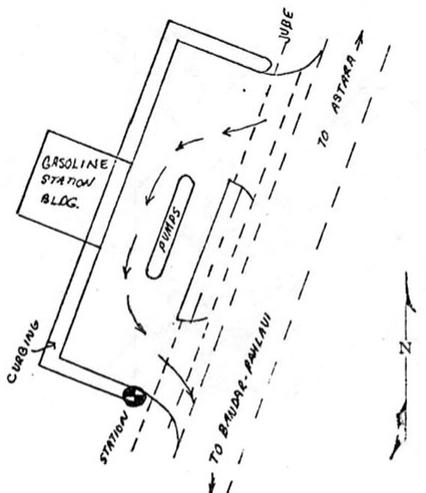
LATITUDE	38° 26'N	(1)	STATION DESIGNATION	
LONGITUDE	48° 52'E	(1)	ASTARA	
ELEVATION	- 21.9	METERS (1)	COUNTRY/STATE	Iran
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4436-1			$g =$	980 072.32 mgals
IGB 14088B				
			ESTIMATED ACCURACY	DATE
			\pm 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located in Astara, Iran, at the city's gasoline station.

Station is top of east end of south curb around gas station and is marked with the black "X" and the letters "NGBR".

To reach station proceed south from traffic circle in Astara on the Pahlevi Road to edge of town and gasoline station and station site. (1)



(1)

REFERENCE SOURCE

(1) 03605

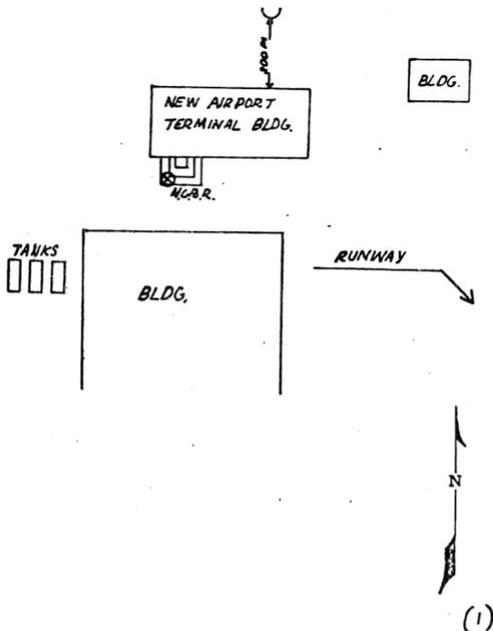
GRAVITY BASE STATION

LATITUDE		32° 53.5'N (1)	STATION DESIGNATION	
LONGITUDE		59° 13.5'E (1)	BIRJAND	
ELEVATION		1457 METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4437-1			$g = 979\ 107.22$ mgals	
IGB 13929J				
			ESTIMATED ACCURACY	
			DATE	
			MONTH/YEAR	
			7/71	
			+ 0.3 mgals	

DESCRIPTION AND/OR SKETCH

Station is located in Birjand, Iran, at Birjand Airport. Station is the bottom step of 3 steps at southwest corner of terminal building. Station is southwest corner of step. Station is marked with red "X" in circle.

To reach station, proceed along Mashad-Zahedan Highway to Birjand, Airport and NGBR site. (1)



REFERENCE SOURCE

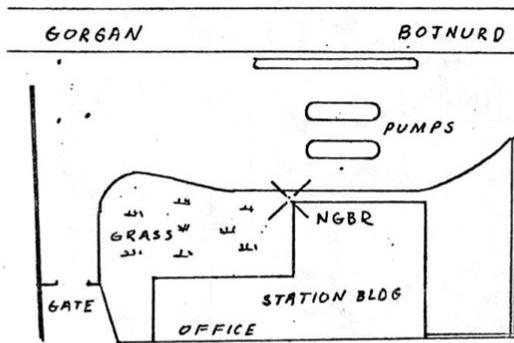
(1) 03605

GRAVITY BASE STATION

LATITUDE 37° 28.60'N (1)	STATION DESIGNATION	
LONGITUDE 57° 19.20'E (1)	BOJNORD (BOJNURD)	
ELEVATION 1071.12 METERS (1)	COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4438-1		g = 979 638.59 mgals
IGB 13977B		
	ESTIMATED ACCURACY	DATE
	+ 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

The base station is located at the gasoline station on the west side of Bojnurd. The meter was read on the concrete sidewalk at northwest corner of gasoline station building. (1)



(1)

REFERENCE SOURCE

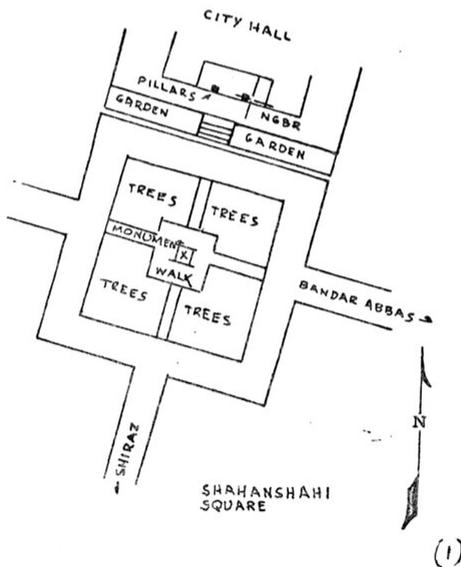
(1) 03605

GRAVITY BASE STATION

LATITUDE	28° 44.5'N	(1)	STATION DESIGNATION	
LONGITUDE	54° 32.0'E	(1)	DARAB	
ELEVATION	METERS		COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4439-1			g = 978 835.44 mgals	
IGB 10384B				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located at base of southeast pillar of two pillars in front of Darab City Hall. Station is on southeast side of pillar. To reach from Shiraz, on entering town from southwest, proceed northeast on the main street, past a circle, to the town square. Proceed around the square to the far side and the City Hall and station site. (1)



REFERENCE SOURCE

(1) 03605

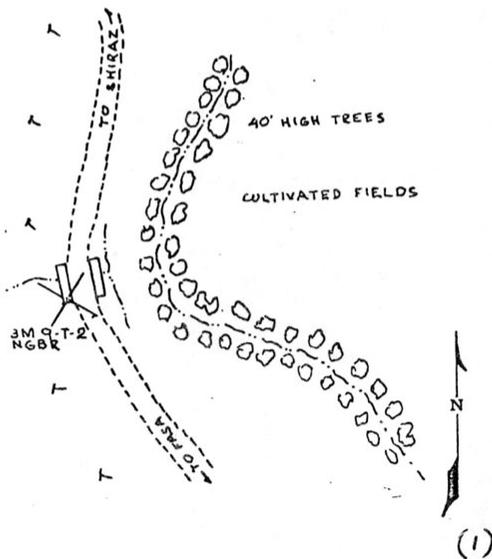
GRAVITY BASE STATION

LATITUDE	28° 59'N (1)	STATION DESIGNATION	
LONGITUDE	53° 38'E (1)	FASA	
ELEVATION	1419.74 METERS (1)	COUNTRY/STATE	
		Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4440-1		g = 978 793.36 mgals	
IGB 10383B			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

The NGBR is a square cut on a rock culvert 3.9 miles (air line) north of Fasa. To reach from T junction in Fasa proceed west along Fasa to Shiraz road for 4.86 miles. The station site is on the west side of the road. To reach from NIOC Gas Station on west side of Fasa proceed northwest on Shiraz road for 3.6 miles.

Meter was read on top of square cut on a rock culvert designated BM 9-T-2. (1)



REFERENCE SOURCE

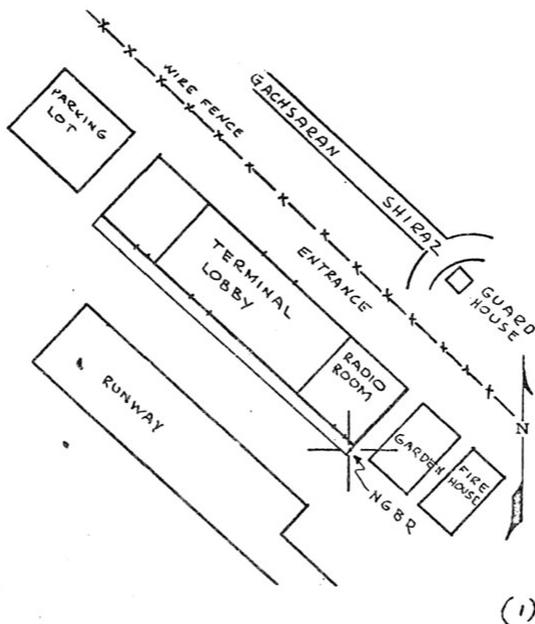
(1) 03605

GRAVITY BASE STATION

LATITUDE	30° 21.5' N (1)	STATION DESIGNATION	GACHSARAN	
LONGITUDE	50° 48' E (1)	COUNTRY/STATE	Iran	
ELEVATION	720.9 METERS (1)	ADOPTED GRAVITY VALUE	g = 979 125.06 mgals	
REFERENCE CODE NUMBERS		ESTIMATED ACCURACY		
ACIC 4441-1		+ 0.3 mgals		DATE
IGB 13900J				MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station was read on concrete floor next to brick wall in the southeast corner of the airport radio room tower door. To reach the station from the city, proceed on the main road leading west to Shiraz for 2.5 km, make a right turn to airport and station site. (1)



REFERENCE SOURCE

(1) 03605

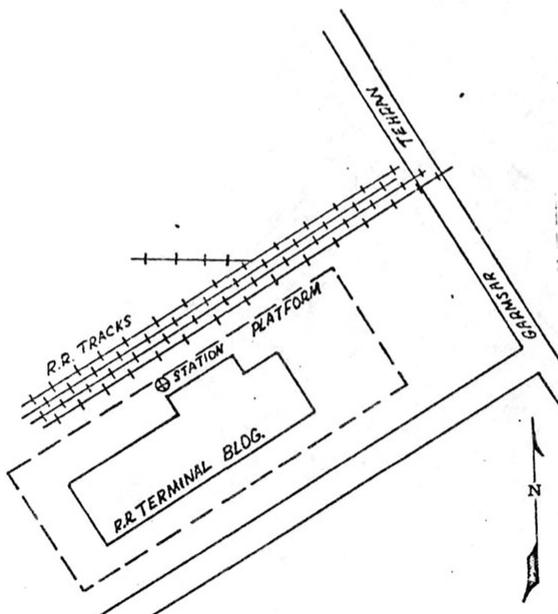
GRAVITY BASE STATION

LATITUDE	35° 14' N	(1)	STATION DESIGNATION GARMSAR	
LONGITUDE	52° 18.5'E	(1)		
ELEVATION	METERS		COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4442-1			$g =$	979 476.10
IGB 13952B				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is on loading platform of Garmsar RR Station. It is located directly in front of and below a standard NCC aluminum disc located on the northwest wall of the station building.

To reach station, upon entering Garmsar from Tehran, turn right upon crossing RR crossing and proceed to RR station and station site. (1)



(1)

REFERENCE SOURCE

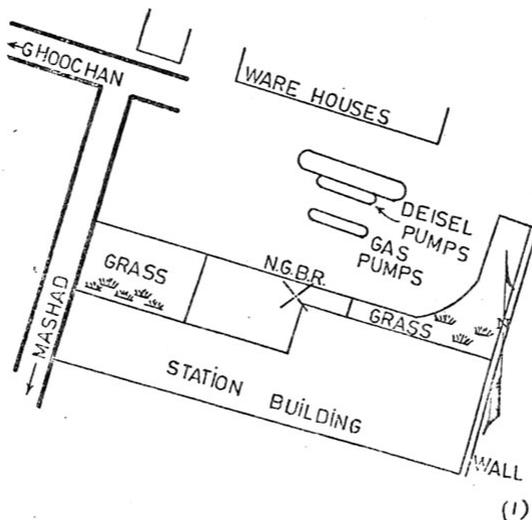
(1) 03605

GRAVITY BASE STATION

LATITUDE	37° 06'N	(1)	STATION DESIGNATION	
LONGITUDE	58° 31'E	(1)	QUCHAN (GHOCHAN)	
ELEVATION	1316.71	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4443-1			$g =$	979 544.30
IGB 13978B				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located on east end of Ghoochan, on Mashad Highway. Station is on sidewalk, northwest corner of farmost part of gas station building. To reach station, proceed northeast from Gorgan-Mashad Highway to Ghoochan and station site. (1)



REFERENCE SOURCE

(1) 03605

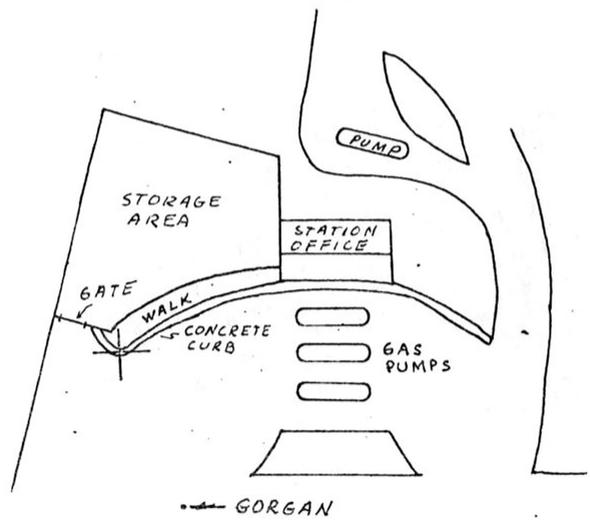
GRAVITY BASE STATION

LATITUDE	36° 50'N	(1)	STATION DESIGNATION	
LONGITUDE	54° 26'E	(1)	GORGON	
ELEVATION	93.05	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4444-1			g = 979 851.22 mgals	
IGB 13964B				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

The gravity base is located at the easterly gasoline station in the city of Gorgan on the Gorgan-Mashhad road. The meter was read on top of curb at the west side of the gas station, at the corner of the curb. The corner of the curb is located on the east side of large gates giving access to the storage area.

(1)



(1)

REFERENCE SOURCE

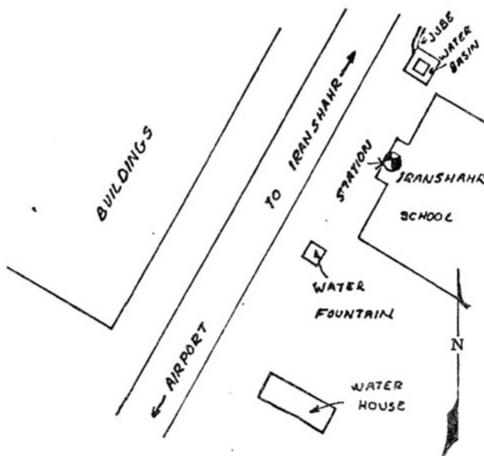
(1) 03605

GRAVITY BASE STATION

LATITUDE 27° 12.15' N (1)		STATION DESIGNATION	
LONGITUDE 60° 41.1' E (1)		IRANSHAHR	
ELEVATION 564 METERS (1)		COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4445-2		$g = 978\ 918.51$ mgals	
IGB 10270J			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is center of bottom step at entrance to Iranshahr school. School is on west side of airport road south of main gateway to Iranshahr. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

LATITUDE 25° 39'N (1)		STATION DESIGNATION	
LONGITUDE 57° 48'E (1)		JASK	
ELEVATION 6 METERS (1)		COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4446-1		g = 979 060.94 mgals	
IGB 10357J			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

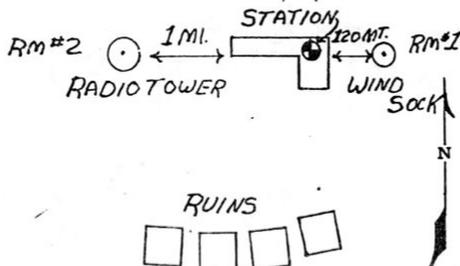
Station is located at Jask Air Strip. The station is on top "L" shaped concrete pier which is projecting approximately 35 cm above ground level.

To reach station from the village of Jask, proceed along the only road toward the Air Strip and WW II ruins of a British Base near the sea.

RM #1: Station is 120 meters from wind sock.

RM #2: Station is 1 mile from radio tower.

(1)



(1)

REFERENCE SOURCE

(1) 03605

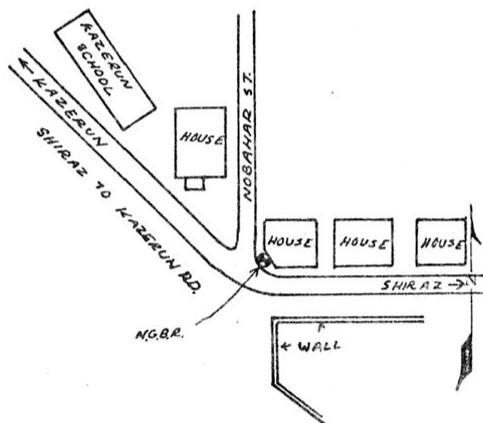
GRAVITY BASE STATION

LATITUDE	29° 36.65'N (1)	STATION DESIGNATION	
LONGITUDE	51° 39.40'E (1)	KAZERUN	
ELEVATION	834.3 METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4447-1		$g = 979\ 026.38$ mgals	
IGB 10391B			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located approximately one mile from circle in Kazerun, near junction of Shiraz to Kazerun Rd and Nobahar St.

Station is located 20.90 m east of centerline of Nobahar St, 10.0 m north of centerline of Shiraz to Kazerun Rd, and 0.70 m south from building. Station is 6" x 6" concrete monument with steel rod in center. Monument is 3 inches above the ground. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

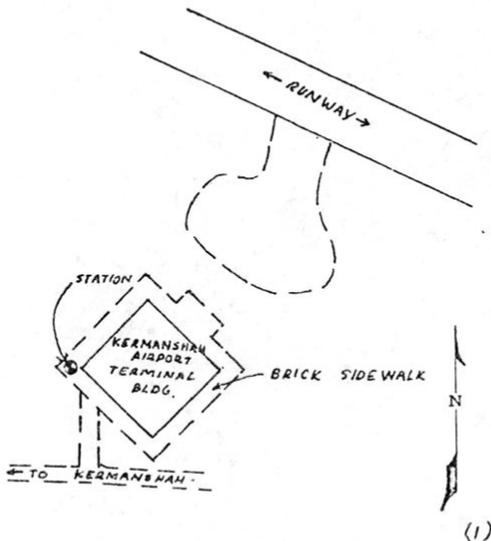
LATITUDE	34° 20'N	(1)	STATION DESIGNATION	
LONGITUDE	47° 07'E	(1)	KERMANSHAH	
ELEVATION	1320	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4448-1			$g = 979\ 275.05$ mgals	
IGB 14047J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located on brick sidewall at the northwest corner of the Kermanshah Airport Terminal Building. To reach station from the Hamadan, Sanandaj, Kermanshah circle, proceed south 3.2 miles to circle, turn left (east) and proceed 2.0 miles past grain elevators on dirt road to airport and station site.

Station is marked with a black "X".

(1)



REFERENCE SOURCE

(1) 03605

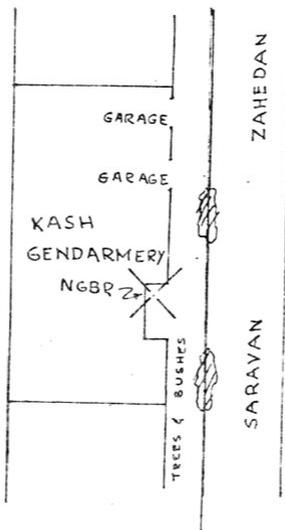
GRAVITY BASE STATION

LATITUDE 28° 13.0'N (1)	STATION DESIGNATION	
LONGITUDE 61° 13.0'E (1)	KHASH	
ELEVATION 1414 METERS (1)	COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4449-1	$g =$ 978 799.67 mgals	
IGB 10281C		
		ESTIMATED ACCURACY
		DATE
\pm 0.3 mgals		MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

The station is located in the city of Khash at the entrance to the Gendarmery. The Gendarmery is located on the main road to Saravan or Shahestan.

Meter was read on first step of entrance to the Khash Gendarmery. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

LATITUDE	33° 29'N	(1)	STATION DESIGNATION	
LONGITUDE	48° 22'E	(1)	KHORRAMABAD	
ELEVATION	METERS		COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4450-3			$g =$	979 231.62
IGB 14038B				mgals
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

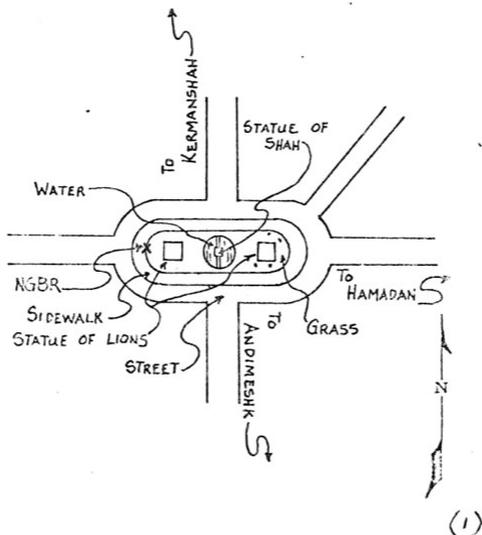
DESCRIPTION AND/OR SKETCH

The station is located on west side of traffic circle in Khorramabad.

The station is on the inside edge of asphalt sidewalk directly in line with the Shah's statue and a statue of a lion.

The traffic circle is the first circle you reach upon entering town from Kermanshah.

To reach this station from NIOC gas station in town, proceed north for 0.05 mile to the first intersection; here turn left and proceed 0.2 mile to the traffic circle and station site. (1)



REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

LATITUDE		38° 28'N	(1)	STATION DESIGNATION	
LONGITUDE		44° 56'E	(1)	KHOWY	
ELEVATION		METERS		COUNTRY/STATE	
				Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4451-1			g = 979 679.36 mgals		
IGB 14084B					
			ESTIMATED ACCURACY		DATE
			± 0.3 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Station is located approximately 4.7 miles south of Khowy.

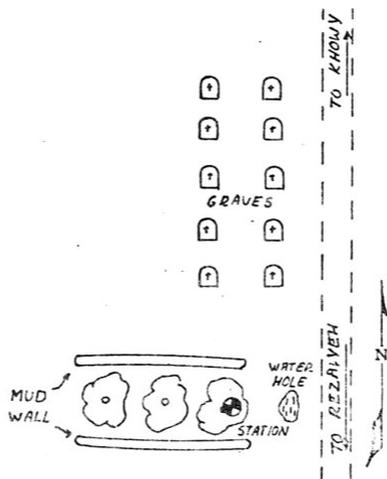
Station was read at east edge of base of easternmost tree of group of three trees. Station is at ground level.

To reach station from Khowy traffic circle in center of town, proceed south along Rezaiyeh Road 4.7 miles to group of 3 trees on west side of road and station site.

Station is marked by black paint on base of tree.

RM #1 is lone tree approximately 600 meters at 215°.

RM #2 is east end of Mesa at approximately 1.5 km and 05°. (1)



(1)

REFERENCE SOURCE

(1) 03605

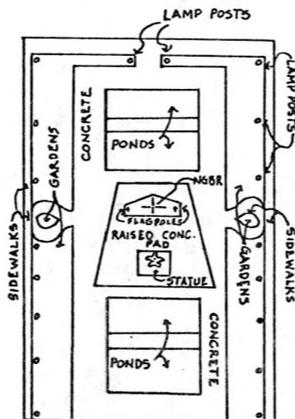
GRAVITY BASE STATION

LATITUDE	27° 39'N	(1)	STATION DESIGNATION	
LONGITUDE	54° 20'E	(1)	LAR	
ELEVATION	METERS		COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4452-1			$g =$	978 921.69
IGB 10374C				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

The station is located midway between two flag poles 7 feet apart, 20 feet north of statue of Shah in center of southernmost building of two squares in Lar (Khur) new city. To reach from only circle in old city of Lar, proceed south of Shah Reza street 3.3 miles to city square.

The meter was read on concrete base between two flag poles. (1)



(1)

REFERENCE SOURCE

(1) 03605

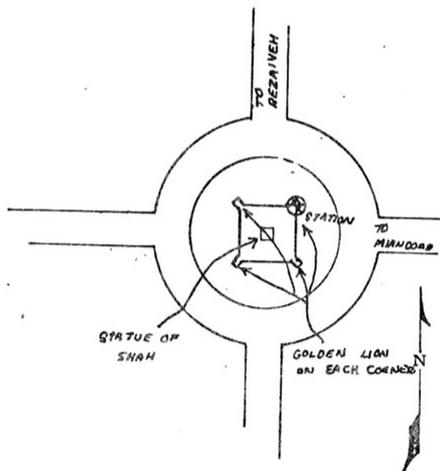
GRAVITY BASE STATION

LATITUDE	36° 46.0' N	(1)	STATION DESIGNATION	
LONGITUDE	45° 43.35' E	(1)	MAHABAD	
ELEVATION	1317.78	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4453-1			g = 979 522.13 mgals	
IGB 14065B				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located Mahabad, Iran at the first traffic circle upon entering town from the north. Station was read at the extreme northeast corner of marble platform beside the right front foot of a golden lion.

RM RO' 36 and Mahabad NGBR are identical points. (1)



(1)

REFERENCE SOURCE

(1) 03605

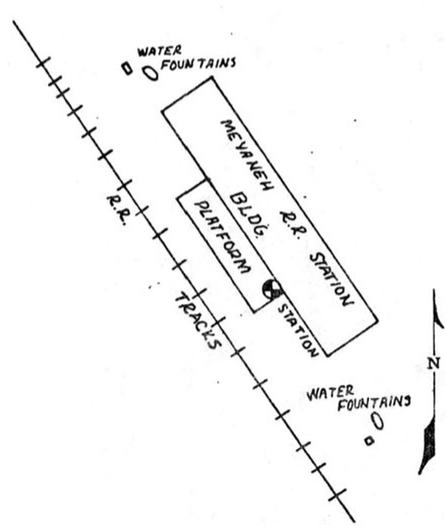
GRAVITY BASE STATION

LATITUDE	37° 23'N	(1)	STATION DESIGNATION	
LONGITUDE	47° 45'E	(1)	MEYANEH	
ELEVATION	1066.59	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4454-1			g =	979 622.82
IGB 14077B				mgals
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located in Meyaneh, Iran, approximately 0.3 mile southeast of town at the Meyaneh RR Station. Mark is a standard NCC BM set in wall at south intersection of station and station platform.

Station was read on concrete walk directly below BM. This is BM E-1. (1)



(1)

REFERENCE SOURCE

(1) 03605

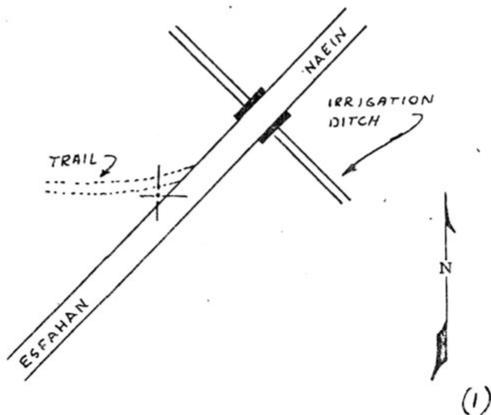
GRAVITY BASE STATION

LATITUDE		32° 52'N	(1)	STATION DESIGNATION	
LONGITUDE		53° 05'E	(1)	NAIN	
ELEVATION		1573.72	METERS (1)	COUNTRY/STATE	
				Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4455-1			$g = 979\ 134.26$ mgals		
IGB 13923B					
			ESTIMATED ACCURACY		DATE
			± 0.3 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Station is located at southwest edge of the city of Nain, Iran. The station is the top of a 10" x 20" concrete monument set flush with the ground 2 meters northwest of the highway and at south intersection of trail and highway. Station is marked with a rock cairn and black "t" on monument.

To reach station from southwest traffic circle in Nain, proceed southwest on Esfahan Highway, approximately 0.5 mile to the intersection and station site. (1)



REFERENCE SOURCE

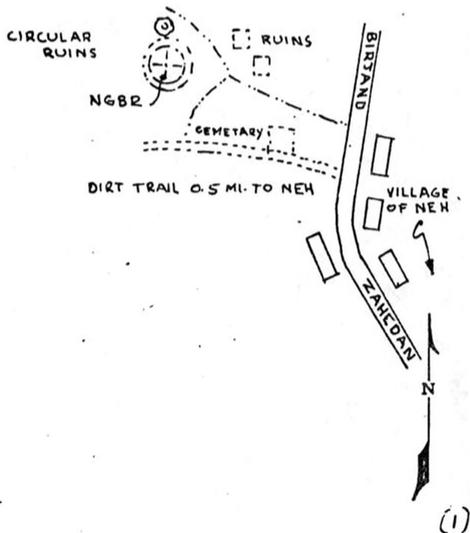
(1) 03605

GRAVITY BASE STATION

LATITUDE	31° 33'N	(1)	STATION DESIGNATION	
LONGITUDE	60° 02'E	(1)	NEHBANDAN	
ELEVATION	METERS		COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIG 4456-1			g = 979 111.67 mgals	
IGB 13810B				
		ESTIMATED ACCURACY	DATE	
		± 0.3 mgals	MONTH/YEAR	
			7/71	

DESCRIPTION AND/OR SKETCH

Station is located in center of circular mud-walled enclosure. This station is located on the north side of the village of Nehbandan, Iran. Station site is 500 meters from the Birjand-Zahedan road and 20 meters from an east-west wash. Station is marked by chiseled "X" on a large rock. (1)



REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

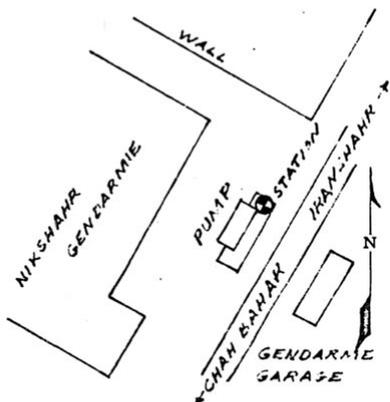
LATITUDE		26° 13.5' N	(1)	STATION DESIGNATION	
LONGITUDE		60° 13' E	(1)	NIKSHAHR	
ELEVATION		METERS		COUNTRY/STATE	
				Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4457-1			g = 978 927.74 mgals		
EGB 10260B					
			ESTIMATED ACCURACY		DATE
			± 0.3 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Station is located in Nikshahr, Iran. The station is the east corner of the public water pump's concrete base. Water pump is located in front of Nikshahr Gendarme Post on Iranshahr-Chah Bahar Highway to village of Nikshahr. Station is at Gendarme Post in the center of town.

Meter was read on east corner of concrete slab.

(1)



REFERENCE SOURCE

(1) 03605

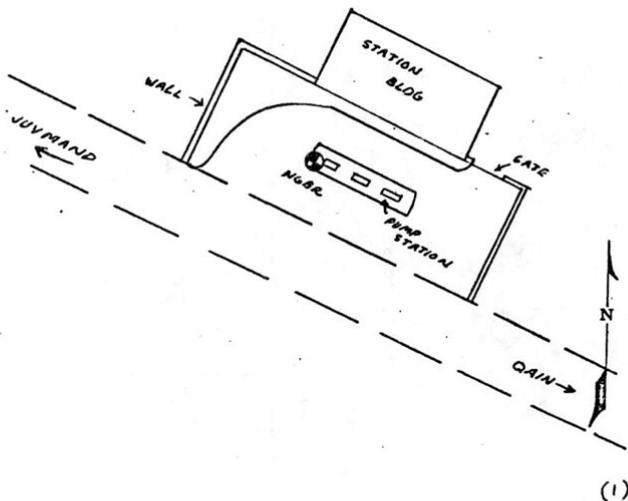
GRAVITY BASE STATION

LATITUDE	33° 44'N	(1)	STATION DESIGNATION	
LONGITUDE	59° 11'E	(1)	QAIN	
ELEVATION			COUNTRY/STATE	
	METERS		Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4458-1			g = 979 222.08 mgals	
IGB 13939B				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located in Qain, Iran on northwest edge of town at the only service station in Qain. Station is marked with red "X" in circle and is on top of northwest end of only pump island.

To reach station, proceed along Mashad-Zahedan Highway to Qain, service station and NGBR site. (1)



REFERENCE SOURCE

(1) 03605

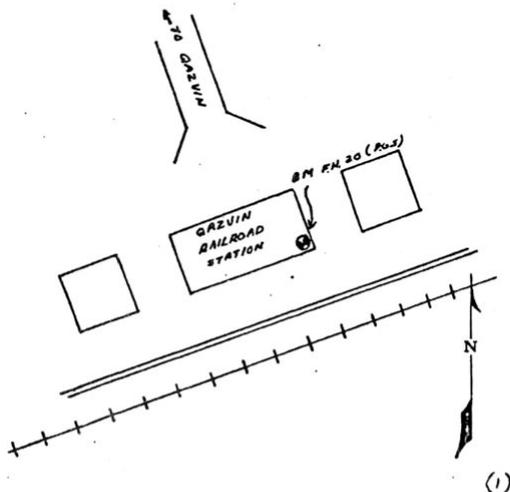
GRAVITY BASE STATION

LATITUDE	36° 15'N	(1)	STATION DESIGNATION	
LONGITUDE	50° 00'E	(1)	QAZVIN (GHAZVINE)	
ELEVATION	1280.53	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4459-1			g =	979 479.43
IGB 13960B				mgals
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located in Qazvin, Iran at the Qazvin RR Station.

To reach station from the center of Qazvin, turn left (south) at the second stoplight when entering Qazvin from Tehran. Proceed south for 0.5 mile to intersection with 4 lane Avenue. Turn right onto said avenue and proceed 1.3 miles to RR Station. Station is on cement walk directly below and in front of BM FH20. BM FH20 is an aluminum disc set horizontally in the south wall at the southeast corner of Qazvin RR Station and is approximately 0.5 ft above sidewalk level. (1)



REFERENCE SOURCE

(1) 03605

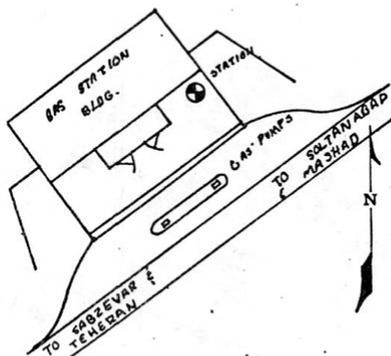
GRAVITY BASE STATION

LATITUDE 36° 12.5'N (1)		STATION DESIGNATION	
LONGITUDE 57° 42' E (1)		SABZEVAR	
ELEVATION METERS		COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4460-1		g = 979 523.89 mgals	
IGB 13967B			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located at the gasoline station on northeast edge of Sabzevar on the Saltanabad Highway. Station is located on concrete tile walk at southeast corner of the gas station building. Station is marked with red "X".

To reach station, proceed on Tehran-Mashad Highway to village of Sabzevar. Proceed to northeast edge of town to gas station and NGBR site. (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

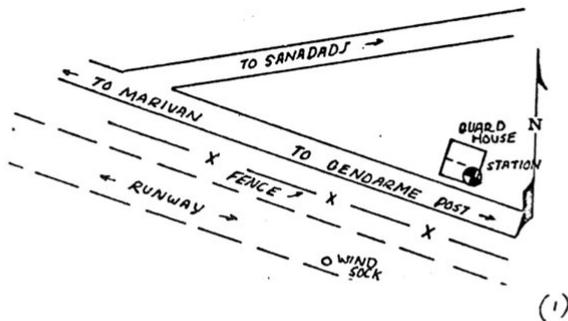
LATITUDE	35° 21'N	(1)	STATION DESIGNATION	SANANDADJ	
LONGITUDE	46° 58'E	(1)			
ELEVATION	1628	METERS (1)	COUNTRY/STATE	Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIG 4461-1			$g =$	979 324.08	mgals
IGB 14056J					
			ESTIMATED ACCURACY	DATE	
			± 0.3 mgals	MONTH/YEAR	
				7/71	

DESCRIPTION AND/OR SKETCH

Station is located in Sanandadj, Iran at the City Airport.

To reach station from circle with Shah's Statue, proceed west 3.3 miles to Gendarme Guard Station and Airport.

Station is located at southeast corner of front step to guard station and is marked by black "X" and the letters "NGBR". (1)



REFERENCE SOURCE

(1) 03605

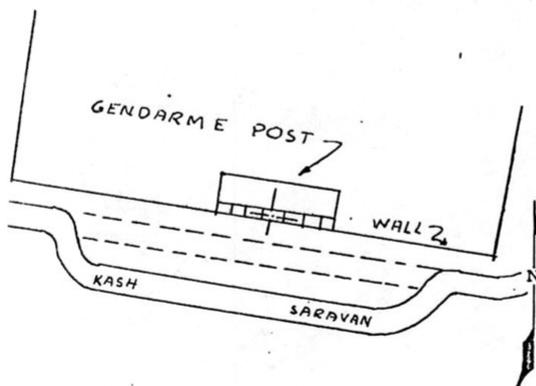
129

GRAVITY BASE STATION

LATITUDE	27° 22'N	(1)	STATION DESIGNATION	
LONGITUDE	62° 20'E	(1)	SARAVAN	
ELEVATION	METERS		COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4462-1			g = 978 766.55 mgals	
IGB 10272B				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located in village of Saravan, Iran, at the Saravan Gendarme Post. Station is southeast corner of concrete entrance stoop of main Gerdarme building, facing the Kash-Saravan highway. To reach the station, proceed on Kash-Saravan highway to village of Saravan. The Gendarme Post is at western edge of the village on road to Khash. (1)



REFERENCE SOURCE

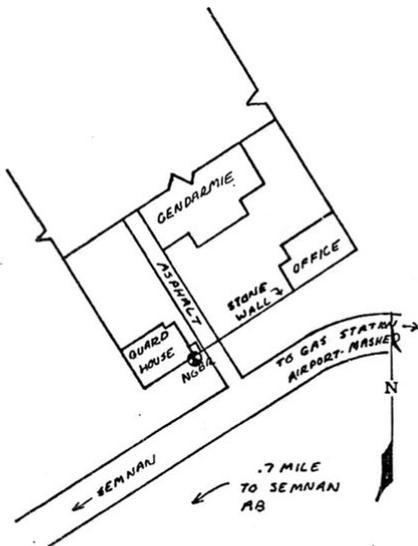
(1) 03605

GRAVITY BASE STATION

LATITUDE	35° 34' N	(1)	STATION DESIGNATION	
LONGITUDE	53° 24.5'E	(1)	SEM NAN	
ELEVATION			COUNTRY/STATE	
	METERS		Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4463-1			g = 979 445.06 mgals	
IGB 13953C				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located at entrance to gendarmie in Semnan approximately .7 mile from traffic circle in Semnan. Station is chiseled X on stone step in front of guard shack. (1)



(1)

REFERENCE SOURCE

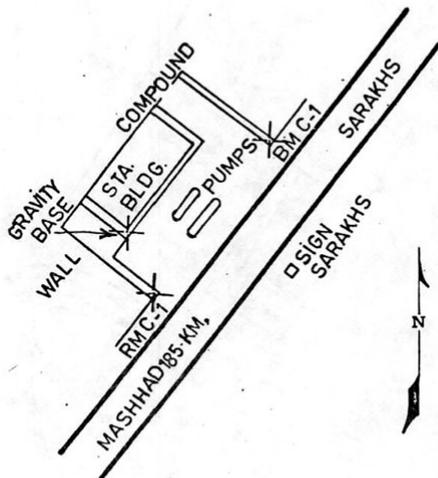
(1) 03605

GRAVITY BASE STATION

LATITUDE	36° 32'N	(1)	STATION DESIGNATION	
LONGITUDE	61° 10'E	(1)	SARAKHS	
ELEVATION	273.82	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4464-1			g = 979 756.22 mgals	
IGB 13861B				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

The station is located at the gas station at the southeast edge of the village of Sarakhs. The meter was read southwest corner of gas station building on the sidewalk. BM C-1 is located northeast corner of compound wall. (1)



(1)

REFERENCE SOURCE

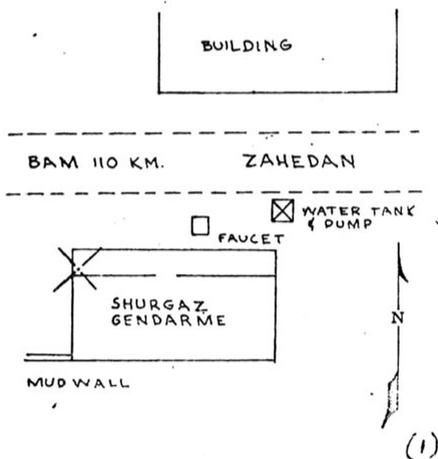
(1) 03605

GRAVITY BASE STATION

LATITUDE 29° 09.1'N (1)	STATION DESIGNATION SHURGAZ	
LONGITUDE 59° 20.3'E (1)		
ELEVATION 430 METERS (1)	COUNTRY/STATE Iran	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4465-1	g = 979 113.84 mgals	
IGB 10399B		
		ESTIMATED ACCURACY
		DATE
		MONTH/YEAR
		+ 0.3 mgals
		7/71

DESCRIPTION AND/OR SKETCH

NGBR is located at Shurgaz Gendarmery at northwest corner of Gendarmery Building. Meter was read northwest corner of concrete perch. Shurgaz Gendarmery is located approximately 110 km from Bam on Bam-Zahedan Highway. (1)



REFERENCE SOURCE

(1) 03605

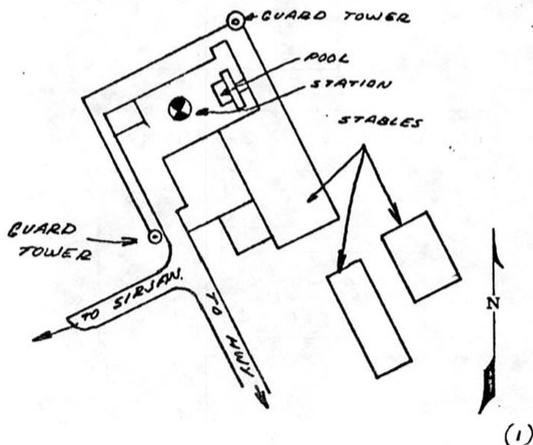
GRAVITY BASE STATION

LATITUDE	29° 28.1'N	(1)	STATION DESIGNATION	
LONGITUDE	55° 40.0'E	(1)	SIRJAN	
ELEVATION	1745	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4466-1			g =	978 789.59
IGB 10395B				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Station is located in Sirjan, Iran, at Old Persian Fort. Station is rim of concrete pool at southeast edge of pool directly above pool outlet.

To reach station from Sirjan, proceed northeast for ¼ mile to Old Fort, enter main gate, go to center of enclosure to pool and station site. (1)



REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

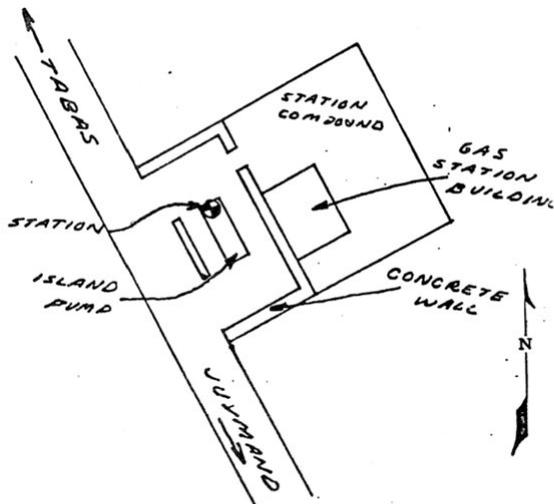
LATITUDE		33° 36'N	(1)	STATION DESIGNATION		TABAS	
LONGITUDE		56° 54'E	(1)				
ELEVATION		METERS		COUNTRY/STATE			
				Iran			
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE			
ACIC 4467-1				g =		979 367.88 mgals	
IGB 13936B							
				ESTIMATED ACCURACY		DATE	
				± 0.3 mgals		MONTH/YEAR	
						7/71	

DESCRIPTION AND/OR SKETCH

Station is located in Tabas, Iran, at the only gas station in Tabas.

To reach station from circle in center of Tabas, proceed east on Juymand Highway for 0.3 mile to gas station.

Station is extreme north end of concrete pump island. Station is marked with red "X" and letters "NGBR". (1)



(1)

REFERENCE SOURCE

(1) 03605

GRAVITY BASE STATION

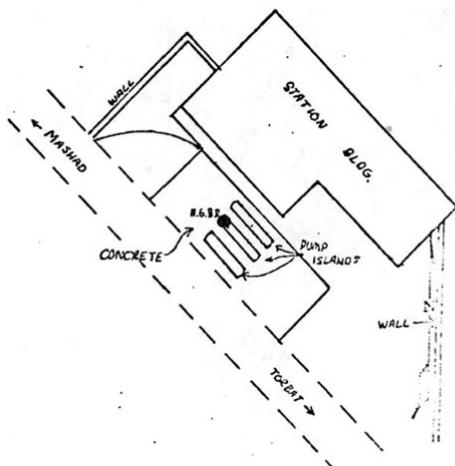
LATITUDE		35° 16.5' N	(1)	STATION DESIGNATION	
LONGITUDE		59° 13' E	(1)	TORBAT-I-HAIDARY	
ELEVATION					
		METERS		COUNTRY/STATE	
				Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4468-1			$g = 979\ 376.39$ mgals		
IGB 13959B					
			ESTIMATED ACCURACY		DATE
			+ 0.3 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Station is in Torbat-i-Haidary, Iran, at the only service station. Station is on northwest end of center concrete island of 3 islands. Station is on top of island. Service station is located on the northwest side of town on Mashad Highway.

To reach station, proceed south 97 miles from Mashad Airport on Mashad-Zahedan Highway to town of Torbat-Heydarieh, service station and NGBR site.

Station is marked with red "X" in circle. (1)



REFERENCE SOURCE

(1) 03605

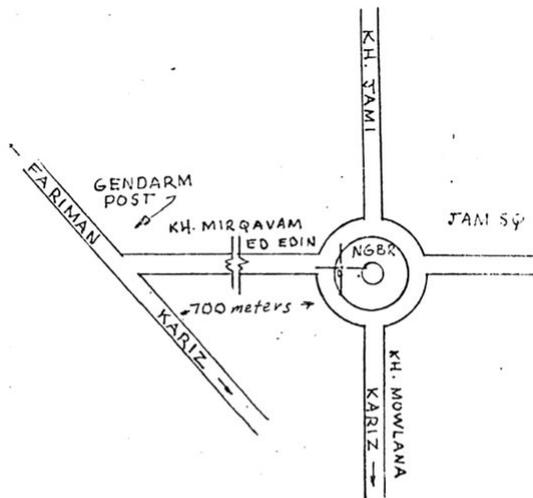
GRAVITY BASE STATION

LATITUDE	35° 15'N	(1)	STATION DESIGNATION	
LONGITUDE	60° 38'E	(1)	TORBAT-E-JAM	
ELEVATION	905.2	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4469-1			g =	979 458.64
IGB 13850B				mgals
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

The station is located at the only traffic circle, Jam Square, in Torbat-e-Jam. Jam Square is located 700 meters east from the Gendarme Post at Fariman-Kariz road intersection. The meter was read at the edge of Kh. Mirquavan Ed Edin at northeast corner of square sewer hole cover, west edge of the traffic circle.

(1)



(1)

REFERENCE SOURCE

(1) 03605

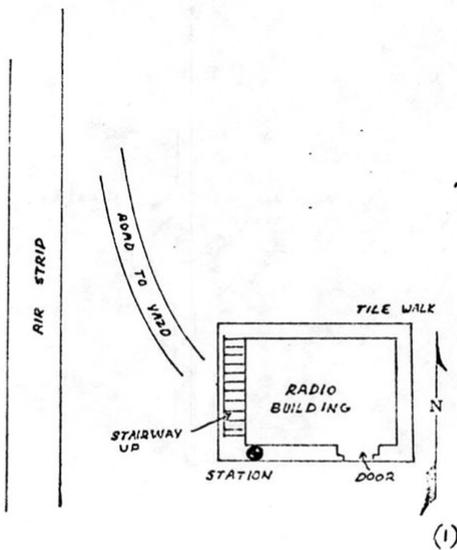
GRAVITY BASE STATION

LATITUDE	31° 51.7'N	(1)	STATION DESIGNATION	
LONGITUDE	54° 20.4'E	(1)	YAZD	
ELEVATION	1238	METERS (1)	COUNTRY/STATE	
			Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4470-1			g = 979 087.83 mgals	
IGB 13914J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Station is located in Yazd, Iran at the city airport. Station is located on the tile walk at the southwest corner of radio building.

To reach station from Yazd, proceed southwest from southwesternmost circle in Yazd on dirt road 1.7 miles, turn left and proceed 0.9 mile to intersection, turn left and proceed 0.4 mile to airport and station site. (1)



REFERENCE SOURCE

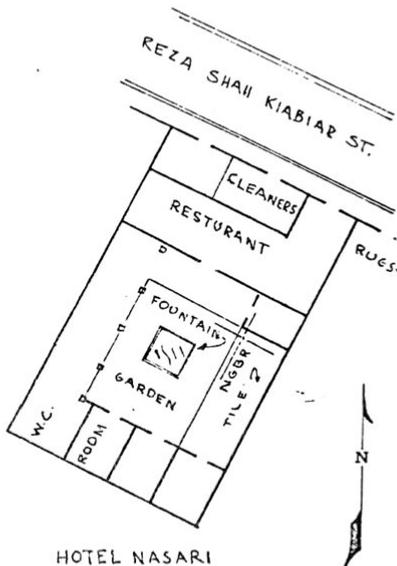
(1) 03605

GRAVITY BASE STATION

LATITUDE		31° 02'N	(1)	STATION DESIGNATION	
LONGITUDE		61° 30'E	(1)	ZABOL	
ELEVATION		METERS		COUNTRY/STATE	
				Iran	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4471-1			g = 979 256.25 mgals		
			ESTIMATED ACCURACY		DATE
			+ 0.3 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Station is located in the city of Zabol at the Nasari Hotel on Reza Shah Kiabiar Street. The meter was read in the southeast corner of the garden on concrete step-up. (1)



(1)

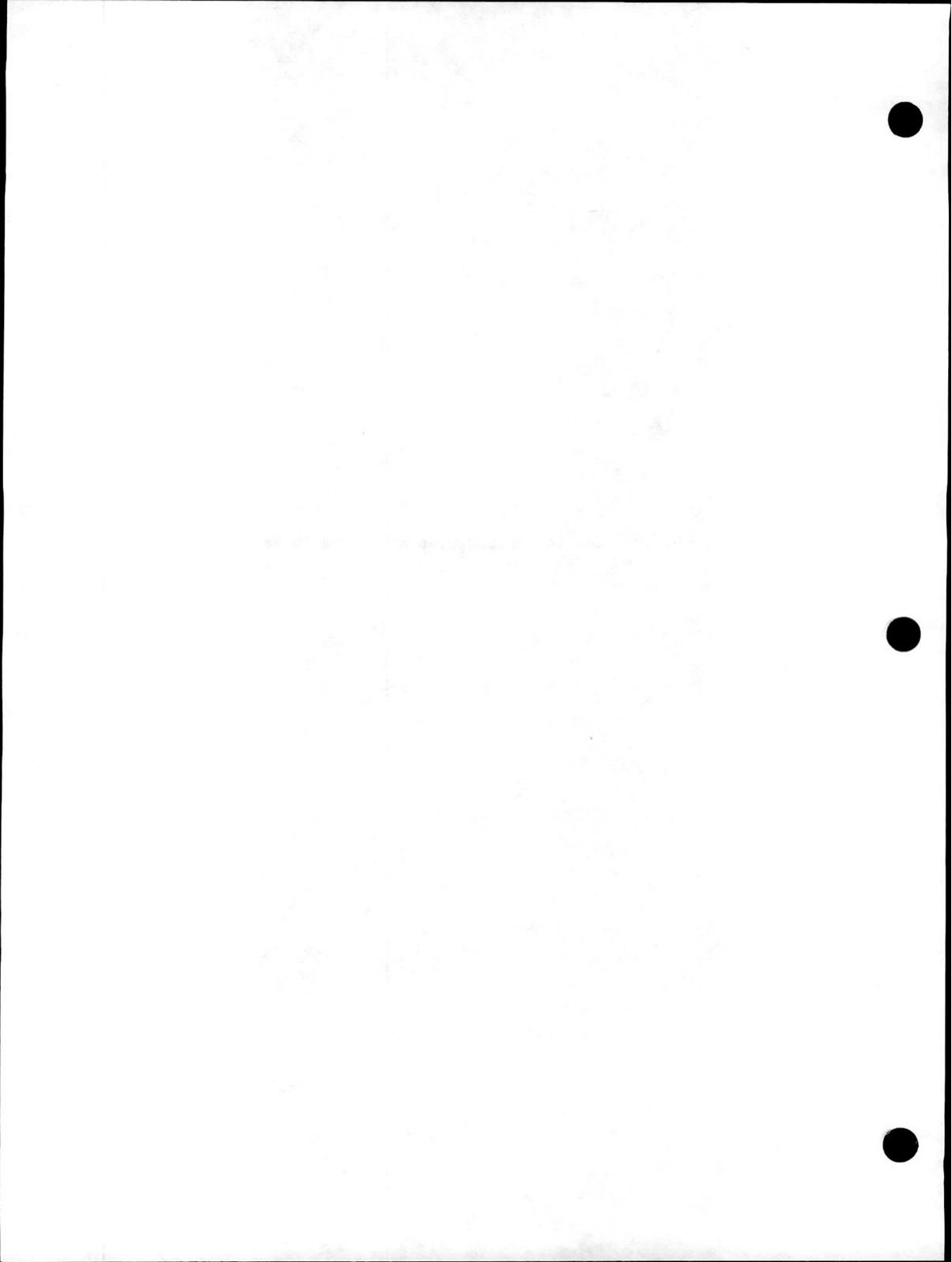
REFERENCE SOURCE

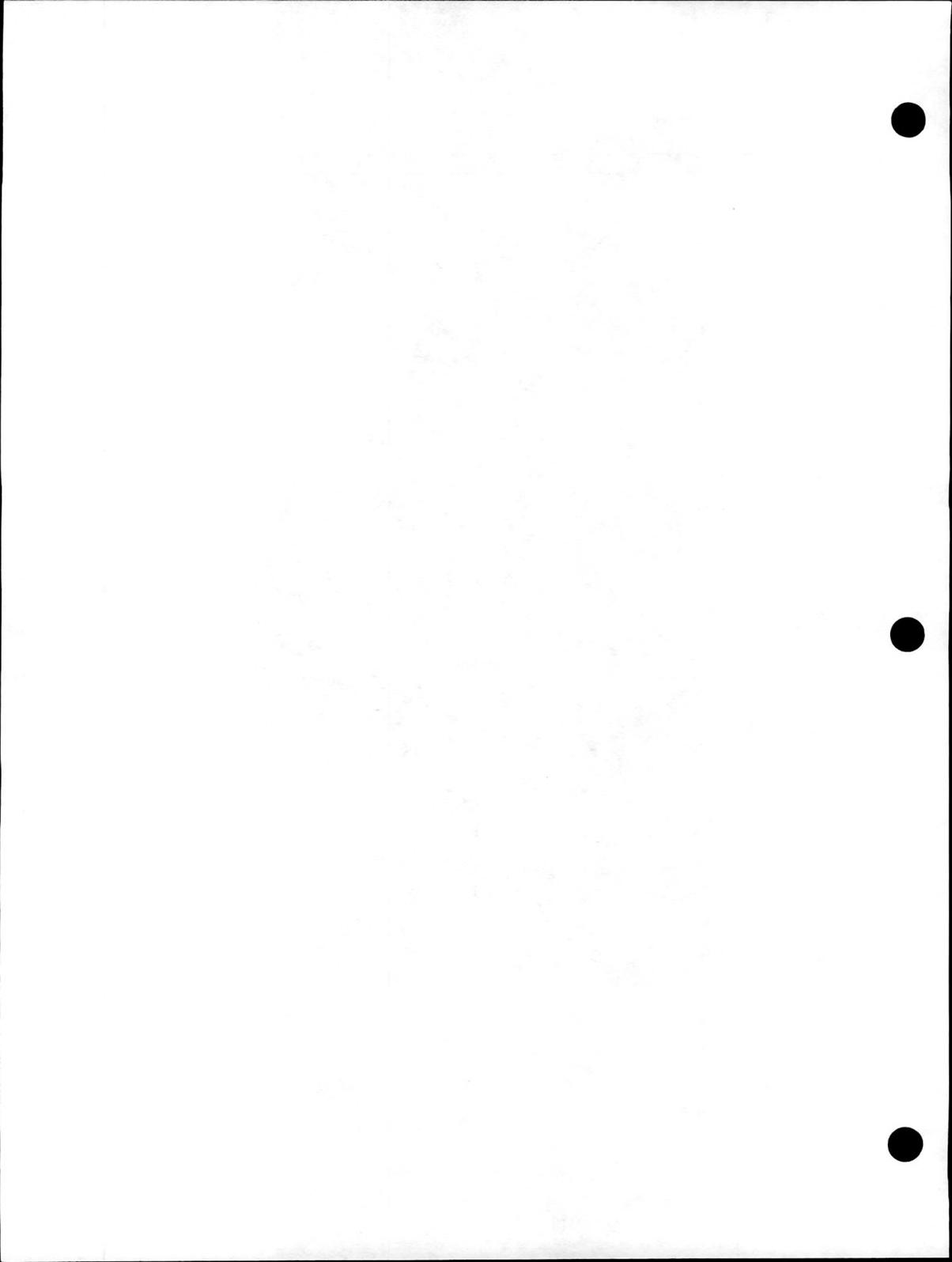
(1) 03605

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4.2.2. Indian Subcontinent and Afghanistan



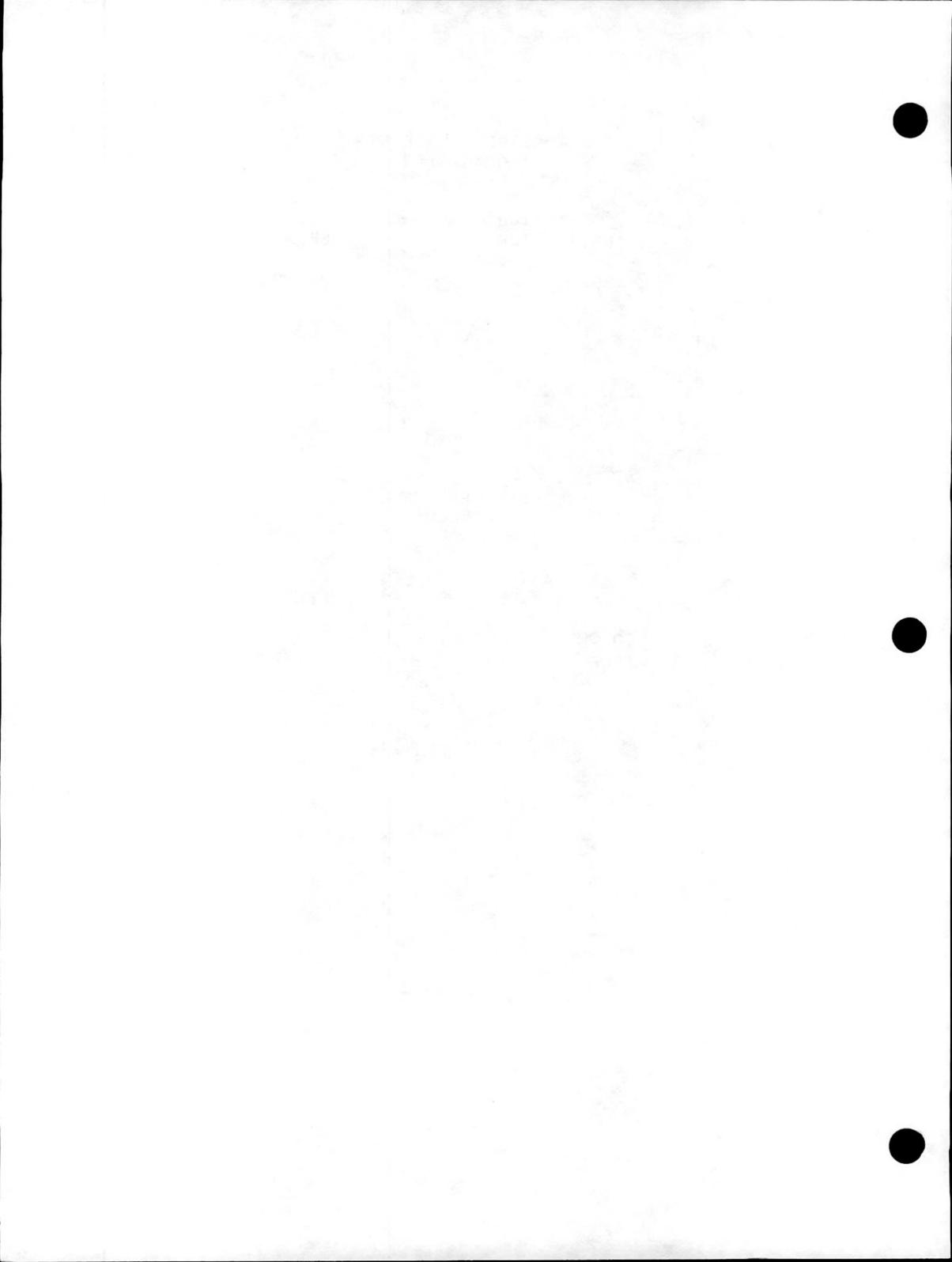


CROSS REFERENCE LIST
AFGHANISTAN

STATION DESIGNATION	ACIC REF NO
KABUL	2202-0

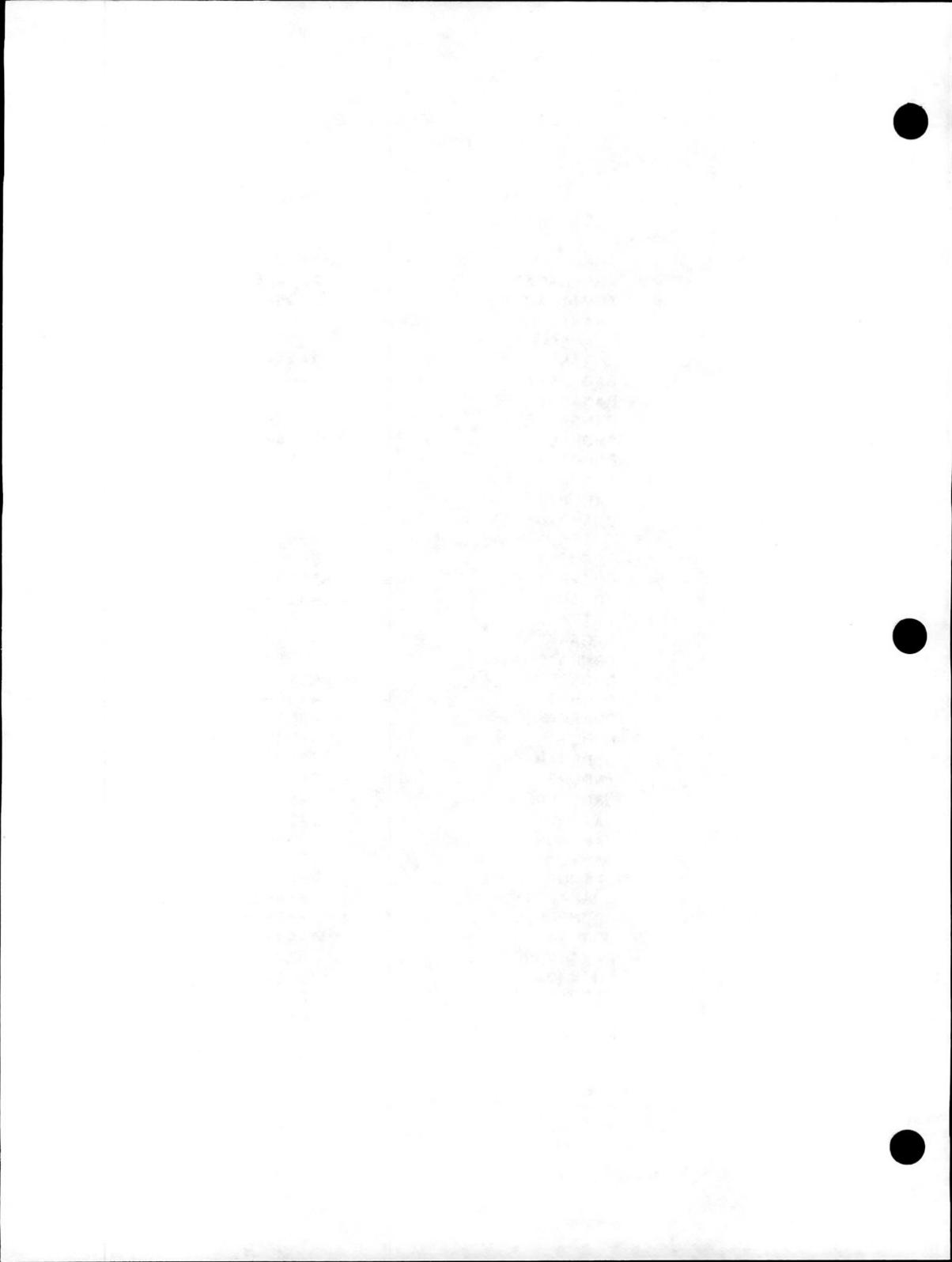
CROSS REFERENCE LIST
CEYLON

STATION DESIGNATION	ACIC REF NO
COLOMBO	0036-0



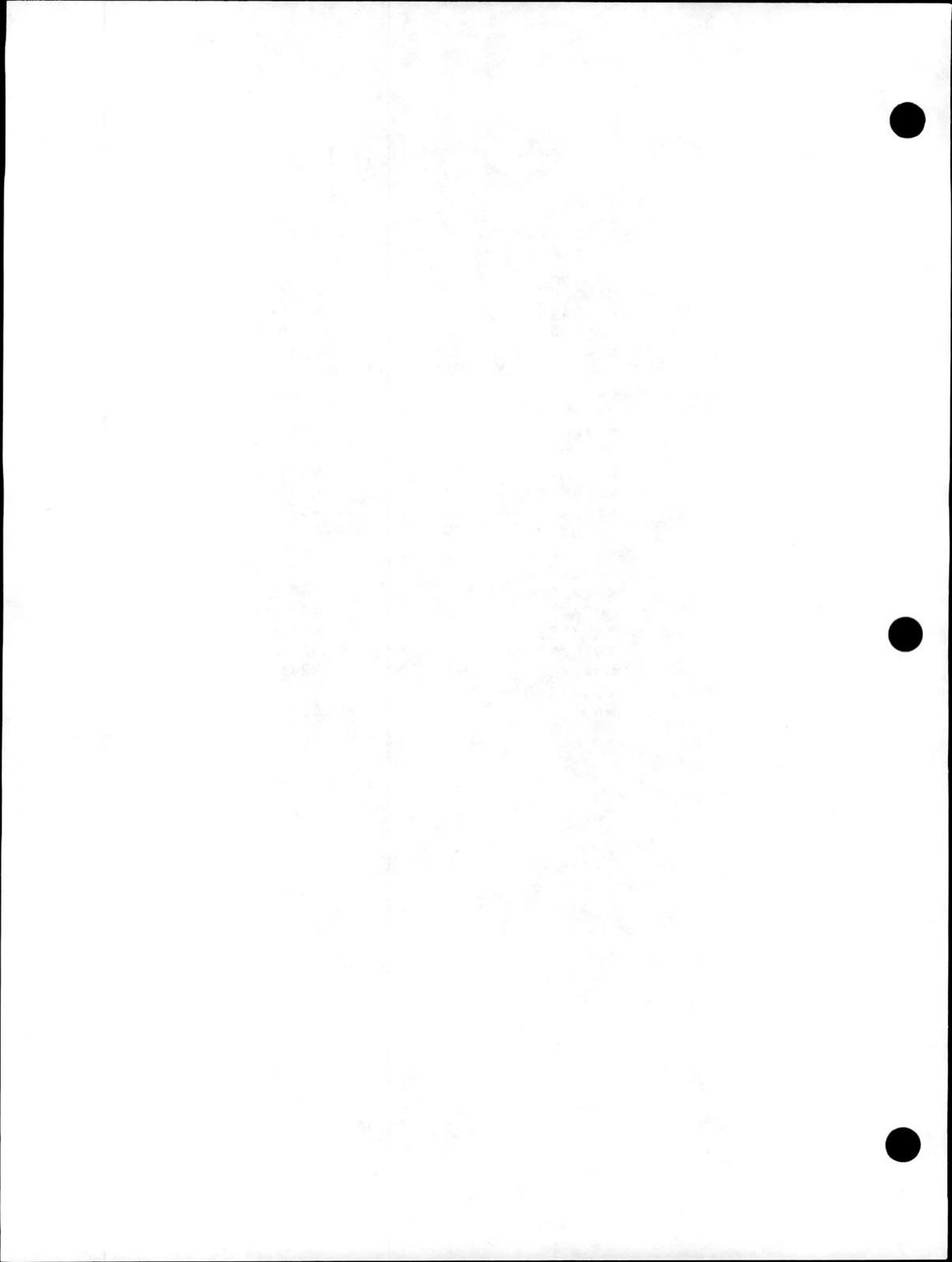
CROSS REFERENCE LIST
INDIA

STATION DESIGNATION	ACIC REF NO
AGRA	2203-0
AHMEDABAD	2204-0
AMRITSAR	2205-0
ANANTAPUR	4317-1
ASANSOL	4378-1
AIRANGARAD	3628-1
BADAGARA	4343-1
BANARAS	2206-0
BANGALORE	2207-0
BHOPAL	3634-1
BOBBILI	4344-1
BOMBAY	0413-0
CALCUTTA	2208-0
CHANDIGARTH	3636-1
CHINNUR	4346-1
COCHIN	3626-1
COIMBATORE	3627-1
CUMBUM	4314-1
CUTTACK	4347-1
DEGANA	4348-1
DEHRA DUN	0048-0
DHOND	4349-1
DIGBOI	4350-1
DWARKA	4351-1
HUBLI	4352-1
HYDERABAD	2209-0
INDORE	3629-1
JAGDALPUR	4353-1
JAIPUR	2210-0
JALGAON	4354-1
JAMMU	3637-1
JETPUR	4355-1
JHALAWAR	4356-1
JODHPUR	3631-1
JORHAT	4357-1
LALITPUR	4358-1
LUCKNOW	2211-0
MADRAS	2212-0
MADURAI	3625-1
MANGALORE	4359-1
METTUR DAM	4315-1
MIRAJ	4360-1
NAGPUR	3630-1



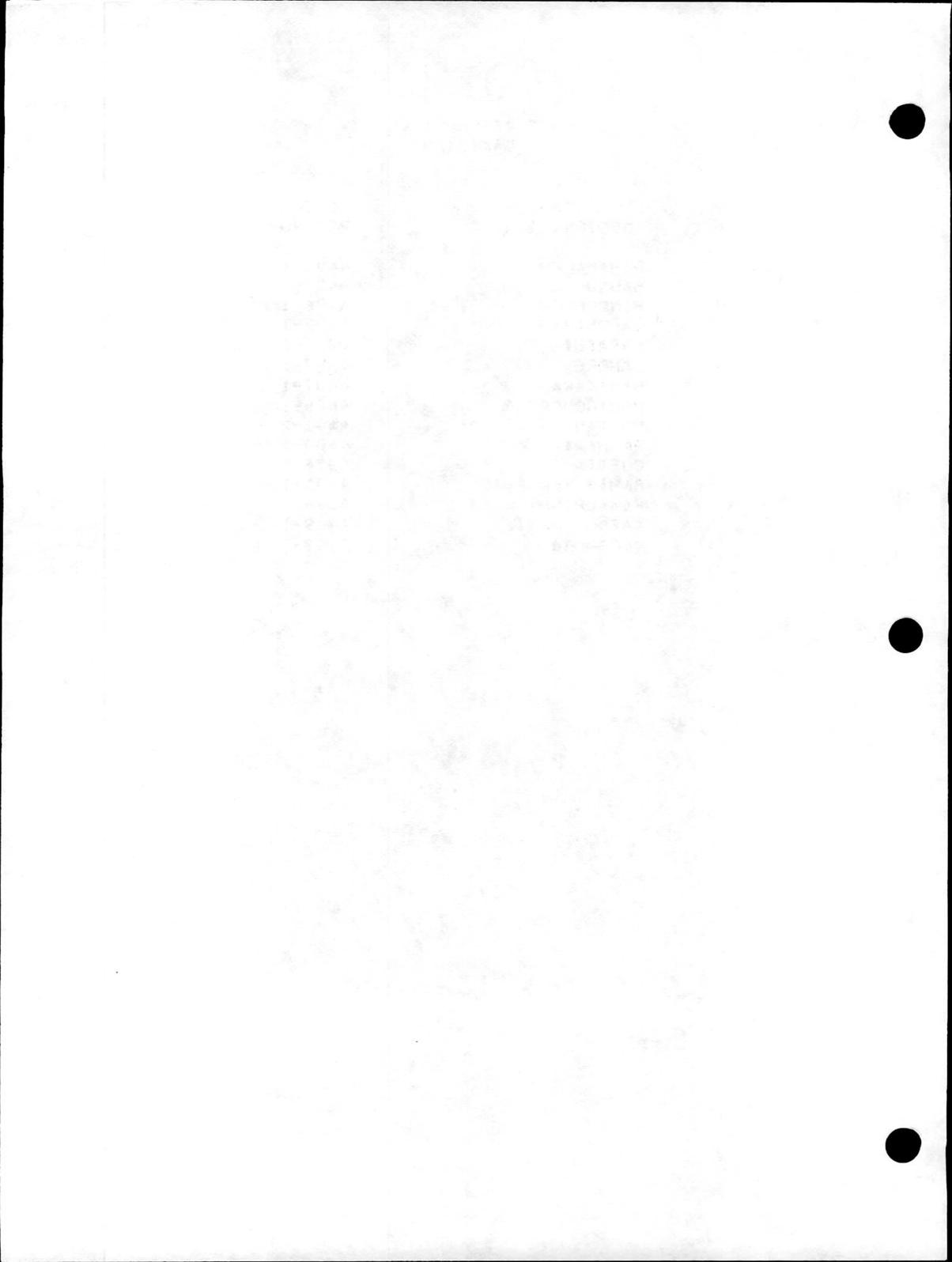
CROSS REFERENCE LIST
INDIA

STATION DESIGNATION	ACIC REF NO
NANDER	4361-1
NANJANGUD	4318-1
NFLLORE	4362-1
NFW DELHI	0237-1
ONGOLE	4363-1
PENDRA	4364-1
RAICHUR	4320-1
RAIPUR	4365-1
RAJAMPFT	4316-1
RANCHI	4366-1
RATANGARH	4367-1
SAMBALPUR	4368-1
SATNA	4369-1
SHILLONG	4370-1
SHOLAPIR	4371-1
SRINAGAR	3635-1
SIRAT	4372-1
TARIKERF	4319-1
TRIUANDRUM	3624-1
UDAIPUR	2215-0
VIJAYAWADA	4373-1
WADI	4374-1



CROSS REFERENCE LIST
PAKISTAN

STATION DESIGNATION	ACIC REF NO
RAHAWALPIJR	4404-1
BANNU	4408-1
HINDUBAGH	4406-1
JACOBABAD	4402-1
KARACHI	0234-1
LAHORE	4397-1
MANIKAWA	4407-1
MONTGOMERY	4405-1
MULTAN	4401-2
PESHAWAR	4400-1
QUETTA	4396-1
RAHIM YAR KHAN	4403-1
RAWALPINDI	4399-2
SAIDU SHARIF	4409-1
SARGHODA	4398-1

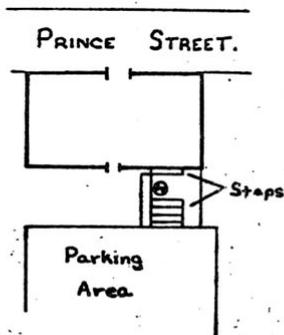


GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
LONGITUDE		COLOMBO	
ELEVATION		COUNTRY/STATE	
METERS		Ceylon	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0036-0		$g =$ 978 139.32 mgals	
IGB 02969C			
WH 1018			
NHO 38.02		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR 8/71

DESCRIPTION AND/OR SKETCH

Office of French Consul, 10 Prince Street, on step-up in rear main floor of building which houses Messageries Maritimes, Vening Meinesz Station No 24. (1)



(1)

REFERENCE SOURCE

(1) 00916

(2) 02632

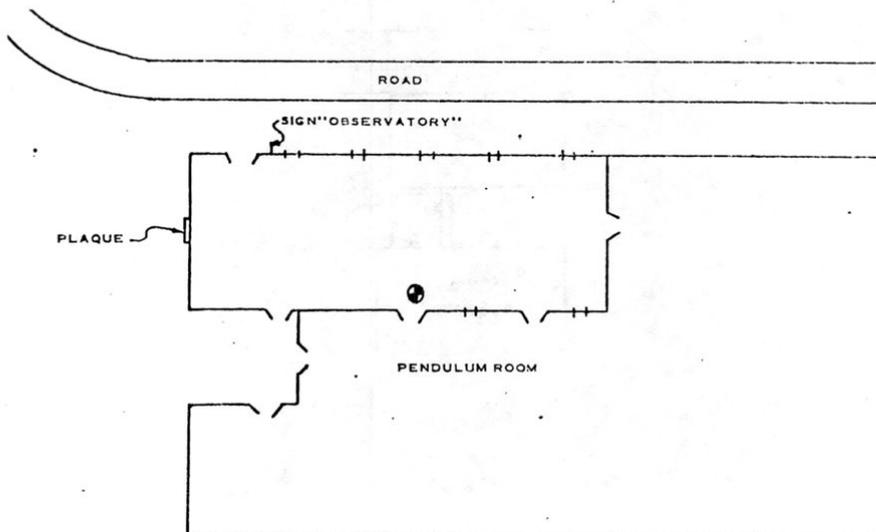
GRAVITY BASE STATION

LATITUDE 30° 19.50'N (1)		STATION DESIGNATION	
LONGITUDE 78° 03.40'E (1)		DEHRA DUN	
ELEVATION 726.8 METERS (1)		COUNTRY/STATE India/Uttar Pradesh	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0048-0		g = 979 062.70 mgals	
IGB 13708A			
SI 53/2			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made in Dehra Dun in the Dehra Dun Survey of India compound.

The site is located at the "observatory" in the northwest room of the building, just outside the door to the pendulum room, which door is the center of three doors in the south wall. The station is monumented with a brass disk inscribed "Gravity Calibration Base". This is the Indian National Gravity Base Station. (1)



REFERENCE SOURCE

(1) 01452

GRAVITY BASE STATION

LATITUDE 24° 54.1'N (1)	STATION DESIGNATION KARACHI	
LONGITUDE 67° 09.6'E (1)		
ELEVATION 24.6 METERS (1)	COUNTRY/STATE Pakistan/West Pakistan	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 0234-1		$g = 978\ 961.03$ mgals
WA 2059		
	ESTIMATED ACCURACY ± 0.5 mgals	DATE MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

Karachi Commercial Airport, in terminal building at field entrance to main passenger lounge, a semi-circular building with control tower, 30 inches above surrounding sidewalk. (1)

REFERENCE SOURCE

(1) 00916

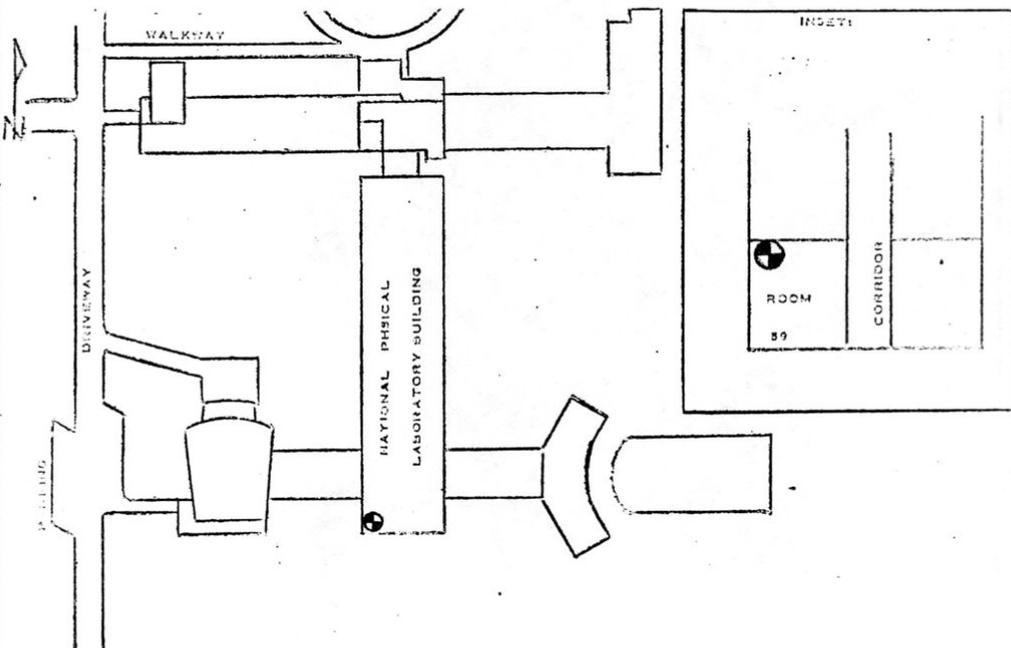
GRAVITY BASE STATION

LATITUDE	28° 34.90'N	(1)	STATION DESIGNATION	
LONGITUDE	77° 07.00'E	(1)	NEW DELHI	
ELEVATION	228.35	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0237-1			$g = 979\ 137.77$ mgals	
IGB 10187B				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made in New Delhi at the National Physical Laboratory building.

The site is located in the main north-south wing, on the ground floor. It is in the southernmost room (room number 59), on the west side, in the northwest corner of the room, and on the concrete. The station is monumented with a brass disk inscribed "Gravity Calibration Base". (1)



REFERENCE SOURCE

(1) 01452

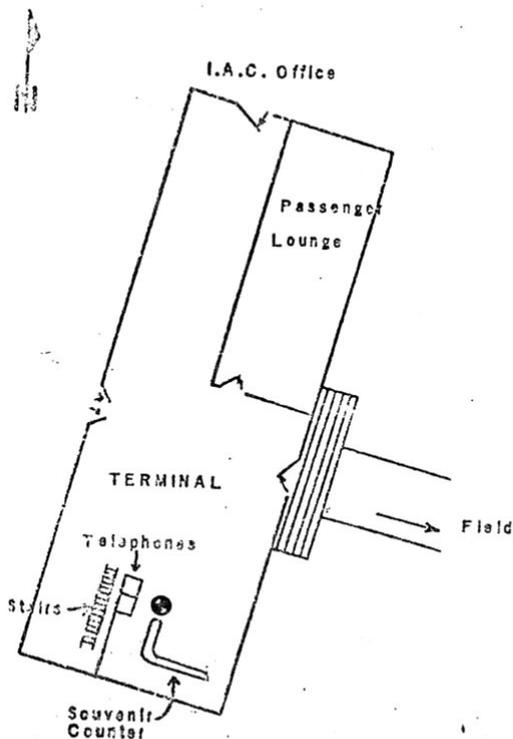
GRAVITY BASE STATION

LATITUDE		19° 05.10'N (1)	STATION DESIGNATION	
LONGITUDE		72° 50.90'E (1)	BOMBAY	
ELEVATION		8.7 METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0413-0			$g = 978\ 657.46$ mgals	
IGB 06592J				
WA 2012				
NHO 17.02			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made near Bombay at the Santa Cruz Airport Terminal.

The site is located in the south part of the lobby near the souvenir counter, and in front of the telephone booths. (1)



REFERENCE SOURCE

(1) 01452

GRAVITY BASE STATION

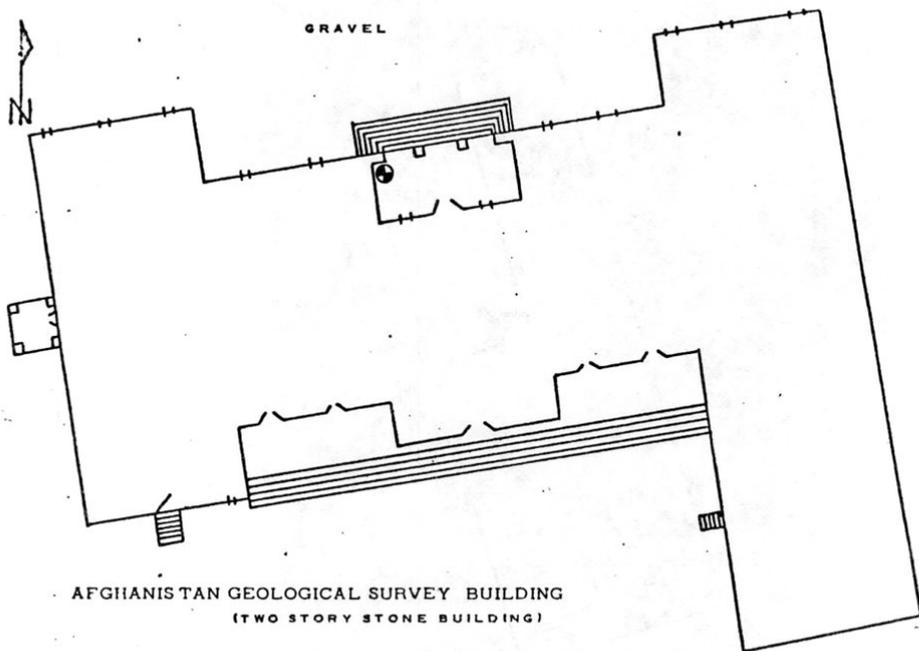
LATITUDE	34° 31.83'N	(1)	STATION DESIGNATION	
LONGITUDE	69° 07.50'E	(1)	KABUL	
ELEVATION	1800	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2202-0			$g =$	979 128.75
IGB 13849B				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the Geological Survey Department which is a two-story stone building on Darlaman Road in southwest Kabul.

The site is located on the front (north) porch in the northwest corner. The station is monumented with a brass disk inscribed "Gravity Calibration Base".

(1)



(1)

REFERENCE SOURCE

(1) 01452

GRAVITY BASE STATION

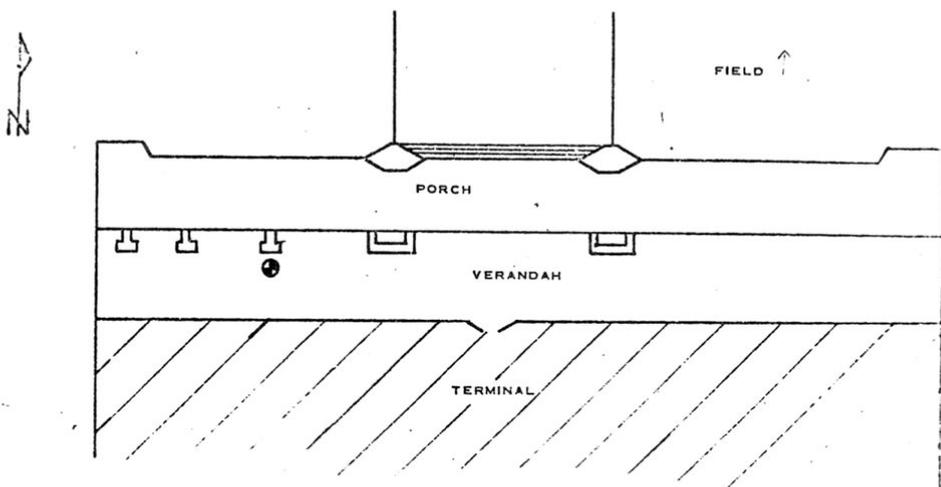
LATITUDE		27° 09.50'N	(1)	STATION DESIGNATION	
LONGITUDE		77° 58.00'E	(1)	AGRA	
ELEVATION		166	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE			
ACIC 2203-0				$g = 979\ 053.41$ mgals	
IGB 10177J					
				ESTIMATED ACCURACY	DATE
				+ 0.3 mgals	MONTH/YEAR
					7/70

DESCRIPTION AND/OR SKETCH

Observations were made near Agra at the airport field side verandah.

The site is located at the first "T" column west of the main walkway. The station is monumented with a brass disk inscribed "Gravity Calibration Base".

(1)



(1)

REFERENCE SOURCE

(1) 01452

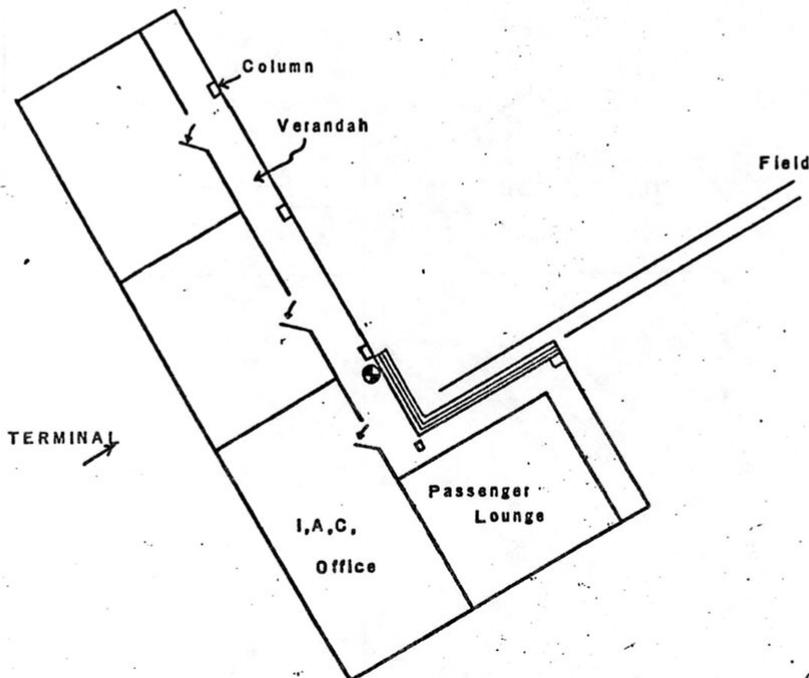
GRAVITY BASE STATION

LATITUDE	23° 04.20'N	(1)	STATION DESIGNATION	
LONGITUDE	72° 37.60'E	(1)	AHMEDABAD	
ELEVATION	55	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2204-0			$g = 978\ 827.41$ mgals	
IGB 10132J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made near Ahmedabad at the civilian airport terminal.

The site is located on the field side verandah at the base of the column, just west of the verandah steps, on the concrete. (1)



(1)

REFERENCE SOURCE

(1) 01452

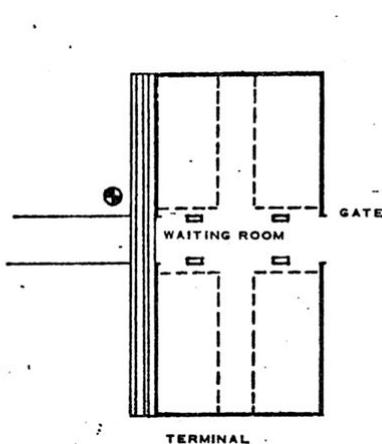
GRAVITY BASE STATION

LATITUDE		31° 43.00'N (1)	STATION DESIGNATION	
LONGITUDE		74° 48.20'E (1)	AMRITSAR	
ELEVATION		247.70 METERS (1)	COUNTRY/STATE	
			India/Punjab	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIG 2205-0			g = 979 348.70 mgals	
IGB 13714J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the Amritsar Airport terminal on the field side under the inscription "AMRITSAR".

The site is located 2 meters north of the entrance, at the foot of the steps, on the concrete walkway. The station is monumented with a brass disk inscribed "Gravity Calibration Base". (1)



(1)

REFERENCE SOURCE

(1) 01452

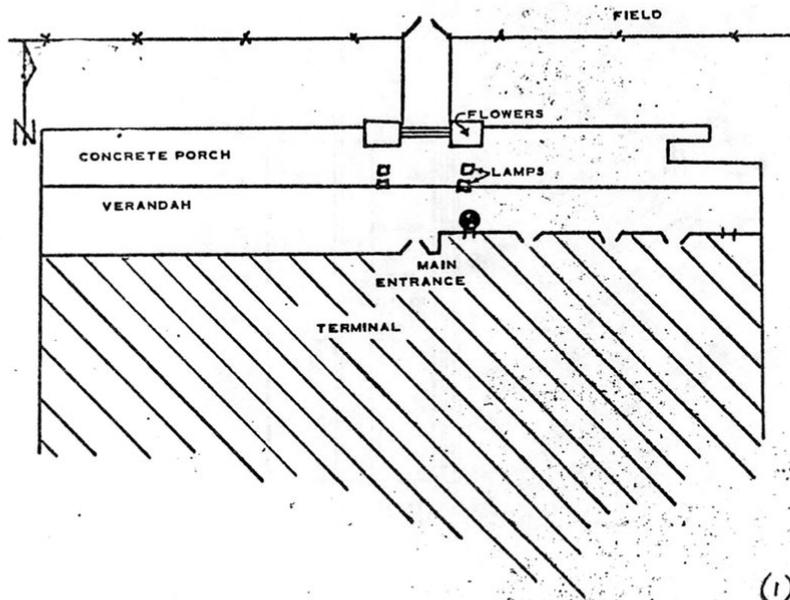
GRAVITY BASE STATION

LATITUDE	25° 27.00'N	(1)	STATION DESIGNATION	
LONGITUDE	82° 51.60'E	(1)	BANARAS	
ELEVATION	85	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2206-0			$g = 978\ 934.61$ mgals	
IGB 10052J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made near Banaras at the Varanasi Airport Terminal.

The site is located on the field side verandah, about 3 meters east of the main entrance, under the first window, and on the terrace floor. The station is monumented with a brass disk inscribed "Gravity Calibration Base". (1)



REFERENCE SOURCE

(1) 01452

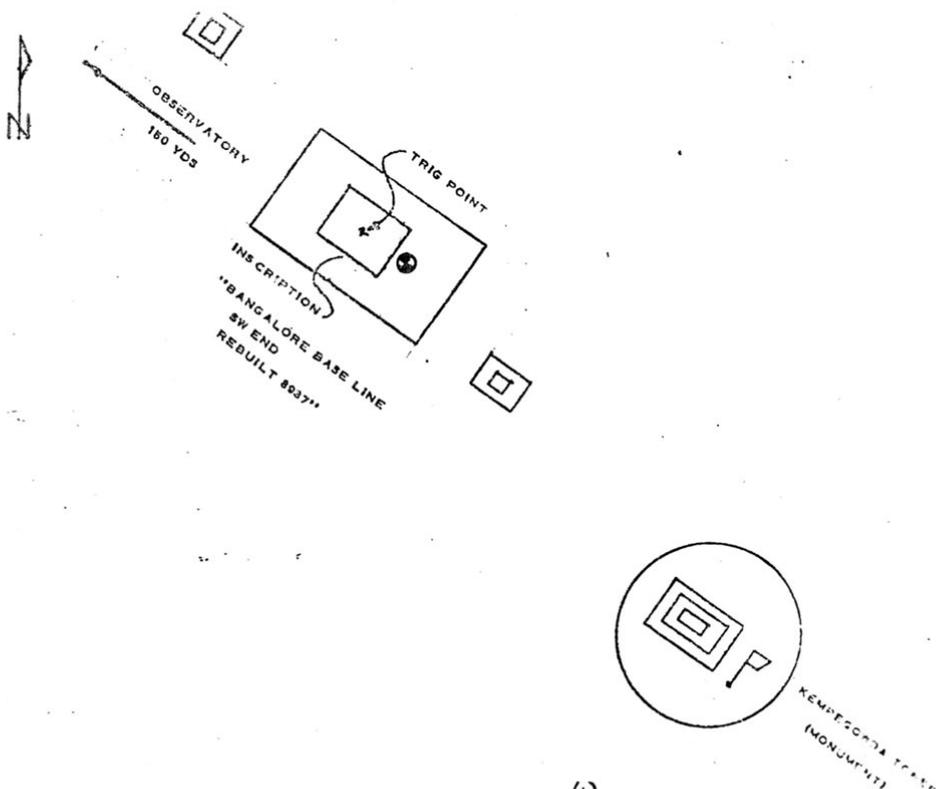
GRAVITY BASE STATION

LATITUDE	13° 00.70'N	(1)	STATION DESIGNATION	
LONGITUDE	77° 35.00'E	(1)		
ELEVATION	950.7	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2207-0			g = 978 027.48	mgals
IGB 06537A				
SI 57/1				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made in Bangalore near the Kempagowda Tower monument.

The site is located on the base of the monument which marks the southwest end of the Bangalore Base Line, on the southeast side of the monument. (1)



REFERENCE SOURCE

(1) 01452

GRAVITY BASE STATION

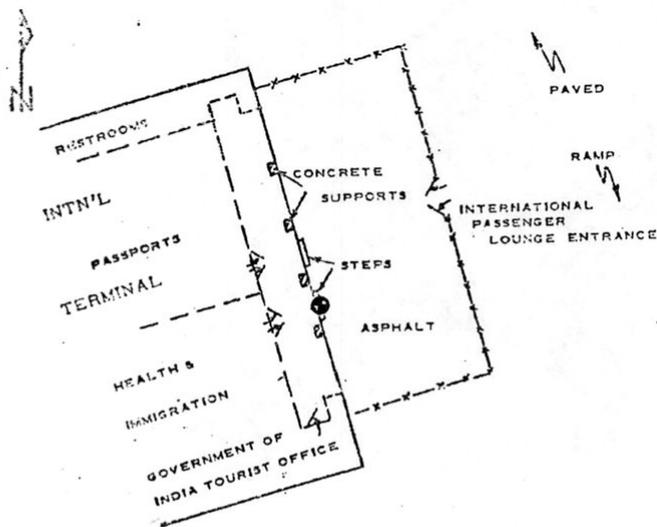
LATITUDE	22° 38.60'N	(1)	STATION DESIGNATION	
LONGITUDE	88° 26.60'E	(1)	CALCUTTA	
ELEVATION	4	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2208-0			$g = 978\ 806.43$ mgals	
IGB 10028J				
WA 2013				
NHO 17.01				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made near Calcutta at the Dum-Dum Airport International field side entrance.

The site is located on the step to the Health and Immigration Section. The station is monumented with a brass disk inscribed "Gravity Calibration Base".

(1)



(1)

REFERENCE SOURCE

(1) 01452

GRAVITY BASE STATION

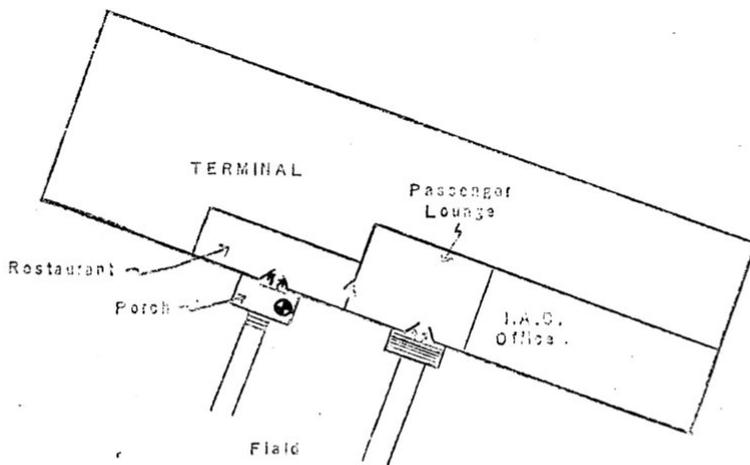
LATITUDE	17° 33.40'N	(1)	STATION DESIGNATION		
LONGITUDE	78° 31.80'E	(1)	HYDERABAD		
ELEVATION	609	METERS (1)	COUNTRY/STATE	India/Hyderabad	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 2209-0			$g =$	978 333.20	mgals
IGB 06578J					
			ESTIMATED ACCURACY	DATE	
			\pm 0.3 mgals	MONTH/YEAR	
				7/70	

DESCRIPTION AND/OR SKETCH

Observations were made near Hyderabad at the Makimpet Airport terminal.

The site is located at the field side, on the east end of the restaurant porch.

(1)



(1)

REFERENCE SOURCE

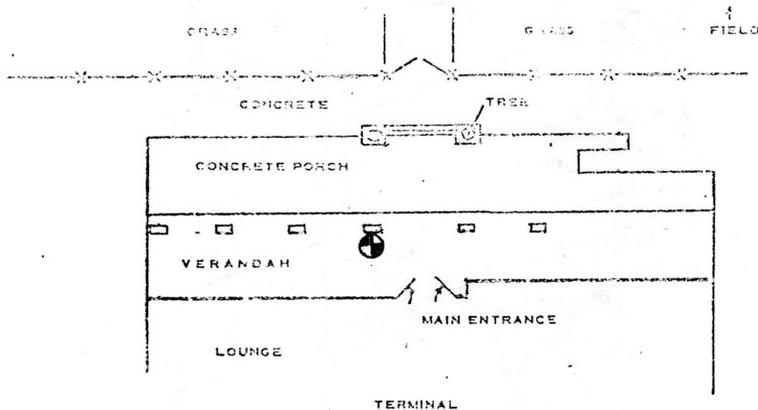
(1) 01452

GRAVITY BASE STATION

LATITUDE	26° 49.40'N	(1)	STATION DESIGNATION	
LONGITUDE	75° 48.20'E	(1)	JAIPUR	
ELEVATION	385	METERS (1)	COUNTRY/STATE	
			India/Rajasthan	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2210-0			g = 978 989.05 mgals	
IGB 10165J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made near Jaipur at the airport terminal field side verandah. The site is located at the base of the first column, west of the main entrance. The station is monumented with a brass disk inscribed "Gravity Calibration Base". (1)



(1)

REFERENCE SOURCE

(1) 01452

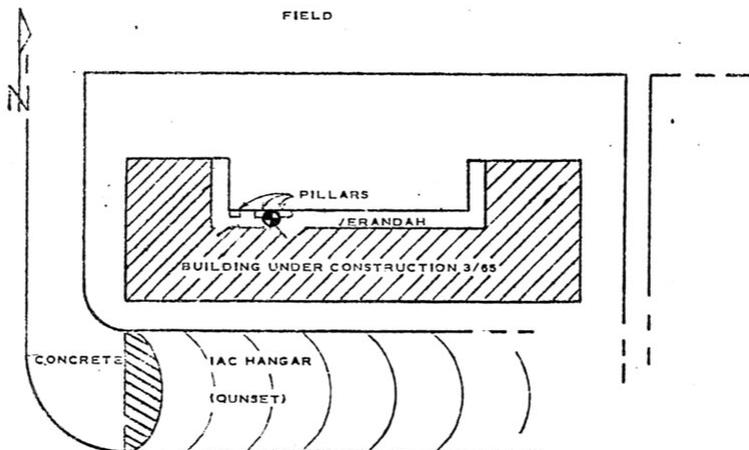
GRAVITY BASE STATION

LATITUDE	26° 46.40'N (1)	STATION DESIGNATION	
LONGITUDE	80° 53.20'E (1)	LUCKNOW	
ELEVATION	122 METERS (1)	COUNTRY/STATE India/Uttar Pradesh	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2211-0		$g = 978\ 977.38$ mgals	
IGB 10060J			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made near Lucknow at the airport, at the terminal building (under construction 1965).

The site is located on the west end of the south wing, on the veranda, between the first two doors on the west end, under the eastmost of two windows. (1)



(1)

REFERENCE SOURCE

(1) 01452

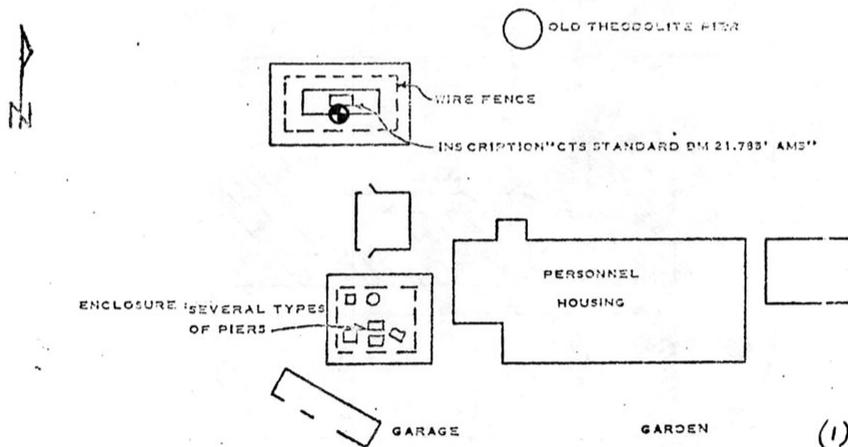
GRAVITY BASE STATION

LATITUDE	13° 04.10'N	(1)	STATION DESIGNATION	
LONGITUDE	80° 14.90'E	(1)	MADRAS	
ELEVATION	6.1	METERS (1)	COUNTRY/STATE India/Madras	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2212-0			$g = 978\ 280.16$ mgals	
IGB 06430A				
SI 66C/1				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made in Madras at the rear of the Regional Meteorological Center.

The site is located on the base of the CTS standard BM, over the inscription, "Elevation 21.785 feet". (1)



REFERENCE SOURCE

(1) 01452

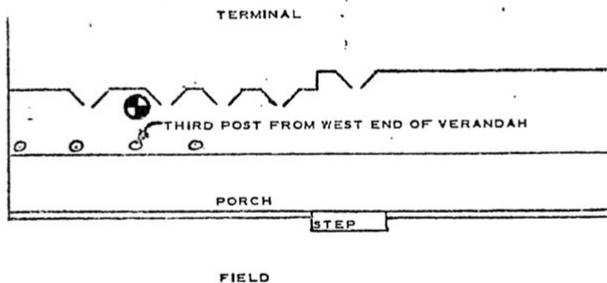
GRAVITY BASE STATION

LATITUDE	24° 37.00'N	(1)	STATION DESIGNATION	
LONGITUDE	73° 53.70'E	(1)	UDAIPUR	
ELEVATION	509	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2215-0			$g = 978\ 832.52$ mgals	
IGB 10143J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				8/70

DESCRIPTION AND/OR SKETCH

Observations were made at the Udaipur Airport Terminal on the field side.

The site is located on the verandah floor below the "Udaipur Airport" sign, between two doors, and opposite the 3rd column from the west end of the verandah. The station is monumented with a brass disk inscribed "Gravity Calibration Base". (1)



(1)

REFERENCE SOURCE

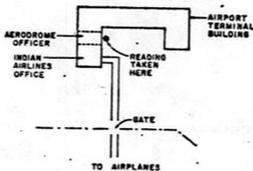
(1) 01452

GRAVITY BASE STATION

LATITUDE	08° 29.5'N	(1)	STATION DESIGNATION	
LONGITUDE	76° 55.1'E	(1)	TRIUANDRUM	
ELEVATION	4	METERS (1)	COUNTRY/STATE	
			India/Kerala	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3624-1			$g = 978\ 120.89$ mgals	
			ESTIMATED ACCURACY	DATE
			+ 1.1 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

At the airport, Station is on the ground (airfield level) outside the terminal building, below the words "Civil Aerodrome Trivandrum" and "Aerodrome Officer". (1)



(1)

REFERENCE SOURCE

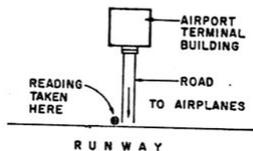
(1) 00872

GRAVITY BASE STATION

LATITUDE 09° 55.5'N (1)	STATION DESIGNATION	
LONGITUDE 78° 08.4'E (1)	MADURAI	
ELEVATION 134 METERS (1)	COUNTRY/STATE India/Madras	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 3625-1	$g =$ 978 104.58 mgals	
	ESTIMATED ACCURACY	DATE
	\pm 1.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

At the airport, on the edge of the runway, at the intersection of the road from the terminal building, about 75 meters from the terminal building. (1)



(1)

REFERENCE SOURCE

(1) 00872

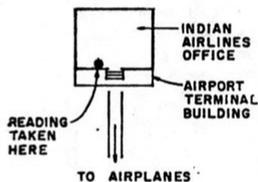
164

GRAVITY BASE STATION

LATITUDE	09° 58.0'N (1)	STATION DESIGNATION	
LONGITUDE	76° 15.0'E (1)	COCHIN	
ELEVATION	3 METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3626-1		$g = 978\ 168.41$ mgals	
		ESTIMATED ACCURACY	DATE
		+ 1.1 mgals	MONTH/YEAR
			10/70

DESCRIPTION AND/OR SKETCH

At the airport, inside the terminal building, Indian Airlines Corporation office, near the entrance door, below the switchboard. (1)



(1)

REFERENCE SOURCE

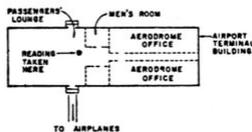
(1) 00872

GRAVITY BASE STATION

LATITUDE	11° 00.0'N	(1)	STATION DESIGNATION	
LONGITUDE	76° 58.0'E	(1)	COIMBATORE	
ELEVATION	488	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3627-1			$g =$	978 069.66 mgals
			ESTIMATED ACCURACY	DATE
			+ 1.1 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

In the airport terminal building, in the passengers' lounge, on the ground, in front of the ticket counter, adjacent to the Men's room. (1)



(1)

REFERENCE SOURCE

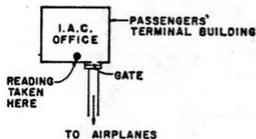
(1) 00872

GRAVITY BASE STATION

LATITUDE	19° 52.0'N	(1)	STATION DESIGNATION	
LONGITUDE	75° 19.0'E	(1)	AURANGABAD	
ELEVATION	582	METERS (1)	COUNTRY/STATE	
			India/Maharashtra	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3628-1			$g = 978\ 458.40$ mgals	
			ESTIMATED ACCURACY	DATE
			+ 1.1 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

In the airport terminal building, to the left of the entrance door (from the airfield) of the Indian Airlines Corporation office. (1)



(1)

REFERENCE SOURCE

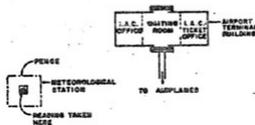
(1) 00872

GRAVITY BASE STATION

LATITUDE 22° 42.0'N (1)	STATION DESIGNATION	
LONGITUDE 75° 52.0'E (1)	INDORE	
ELEVATION 561 METERS (1)	COUNTRY/STATE India/Madhya Pradesh	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 3629-1	$g =$ 978 642.81 mgals	
	ESTIMATED ACCURACY	DATE
	\pm 1.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

At the Airport, in front of the terminal building, inside the airfield, in the fenced meteorological observatory. Reading was made on the top of a cement block in the center of the observatory. (1)



(1)

REFERENCE SOURCE

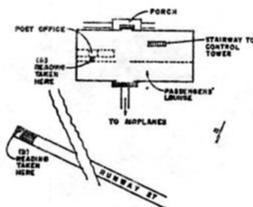
(1) 00872

GRAVITY BASE STATION

LATITUDE	21° 09.0'N	(1)	STATION DESIGNATION
LONGITUDE	79° 07.2'E	(1)	NAGPUR
ELEVATION	302	METERS (1)	COUNTRY/STATE
			India/Maharashtra
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3630-1		$g =$	978 618.49 mgals
		ESTIMATED ACCURACY	DATE
		+ 1.1 mgals	MONTH/YEAR
			10/70

DESCRIPTION AND/OR SKETCH

At the airport, inside the terminal building, just outside the Nagpur Airport Post and Telegraph Office in the passengers' lounge, on the floor. (1)



(1)

REFERENCE SOURCE

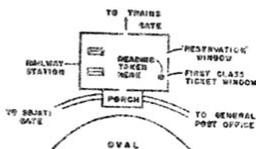
(1) 00872

GRAVITY BASE STATION

LATITUDE	26° 15.0'N	(1)	STATION DESIGNATION	JODEHPUR
LONGITUDE	73° 00.0'E	(1)		
ELEVATION	261	METERS (1)	COUNTRY/STATE	India/Rajasthan
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3631-1			$g = 978\ 997.04$ mgals	
			ESTIMATED ACCURACY	DATE
			± 1.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

At the railway station. Main hall, in front of first-class booking window, on the floor. (1)



(1)

REFERENCE SOURCE

(1) 00872

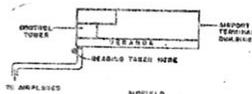
GRAVITY BASE STATION

LATITUDE 23° 17.0'N (1)		STATION DESIGNATION	
LONGITUDE 77° 24.0'E (1)		BHOPAL	
ELEVATION 524 METERS (1)		COUNTRY/STATE India/Madhya Pradesh	
REFERENCE CODE NUMBERS ACIC 3634-1		ADOPTED GRAVITY VALUE g = 978 716.26 mgals	
		ESTIMATED ACCURACY ± 1.1 mgals	DATE MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Inside the airport, in front of the control tower building, on the floor of the cemented verandah (½ meter above the airfield level) below the letters "06C".

(1)



(1)

REFERENCE SOURCE

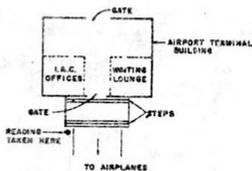
(1) 00872

GRAVITY BASE STATION

LATITUDE	30° 45.6'N	(1)	STATION DESIGNATION
LONGITUDE	76° 54.0'E	(1)	CHANDIGARTH
ELEVATION	313	METERS (1)	COUNTRY/STATE
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE
ACIC 3636-1			$g = 979\ 209.16$ mgals
			ESTIMATED ACCURACY
			DATE
			MONTH/YEAR
			± 1.1 mgals
			10/70

DESCRIPTION AND/OR SKETCH

At the airport in front of the aerodrome building. On the ground to left and 1 meter away from the steps of the entrance to the building from airfield. (1)



(1)

REFERENCE SOURCE

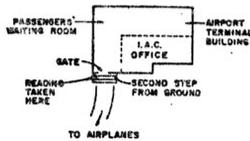
(1) 00872

GRAVITY BASE STATION

LATITUDE <div style="display: flex; justify-content: space-between;"> 32° 43.0'N (1) </div>	STATION DESIGNATION JAMMU
LONGITUDE <div style="display: flex; justify-content: space-between;"> 74° 52.0'E (1) </div>	COUNTRY/STATE India/Kashmir
ELEVATION <div style="display: flex; justify-content: space-between;"> 344 METERS (1) </div>	REFERENCE CODE NUMBERS ACIC 3637-1
ADOPTED GRAVITY VALUE	
$g = 979\ 304.12$ mgals	
ESTIMATED ACCURACY	
± 1.1 mgals	
DATE	
MONTH/YEAR 10/70	

DESCRIPTION AND/OR SKETCH

At the entrance to the airport terminal building, on the left hand side of the second step from ground. (1)



(1)

REFERENCE SOURCE

(1) 00872

174

GRAVITY BASE STATION

LATITUDE	15° 35.23'N (1)	STATION DESIGNATION	
LONGITUDE	79° 07.01'E (1)	CUMBUM	
ELEVATION	193.24 METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4314-1		$g =$ 978 281.73	mgals
		ESTIMATED ACCURACY	DATE
		+ 0.5 mgals	MONTH/YEAR
			6/71

DESCRIPTION AND/OR SKETCH

On verandah of Rest House at Cumbum.

(1)



(1)

REFERENCE SOURCE

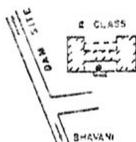
(1) 03419

GRAVITY BASE STATION

LATITUDE	11° 46.68'N (1)	STATION DESIGNATION	
LONGITUDE	77° 48.13'E (1)	METTUR DAM (MUTTUR DAM)	
ELEVATION	197.2 METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACTC 4315-1		g = 978 117.33 mgals	
		ESTIMATED ACCURACY	DATE
		+ 0.5 mgals	MONTH/YEAR
			6/71

DESCRIPTION AND/OR SKETCH

On verandah, at top of steps, of II Class "Traveller's Bungalow" at Mettur Dam. (1)



(1)

REFERENCE SOURCE

(1) 03419

GRAVITY BASE STATION

LATITUDE	14° 11.83'N	(1)	STATION DESIGNATION	
LONGITUDE	79° 09.50'E	(1)		
ELEVATION	134.1	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4316-1			g = 978 241.33 mgals	
			ESTIMATED ACCURACY	DATE
			± 0.5 mgals	MONTH/YEAR
				6/71

DESCRIPTION AND/OR SKETCH

On verandah of Inspection Bungalow at Rajampet. (1)



(1)

REFERENCE SOURCE

(1) 03419

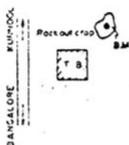
GRAVITY BASE STATION

LATITUDE 14° 40.11'N (1)	STATION DESIGNATION	
LONGITUDE 77° 36.75'E (1)	ANANTAPUR	
ELEVATION 350.0 METERS (1)	COUNTRY/STATE India/Andhra Pradesh	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4317-1	$g =$ 978 216.53 mgals	
	ESTIMATED ACCURACY	DATE
	\pm 0.5 mgals	MONTH/YEAR 6/71

DESCRIPTION AND/OR SKETCH

Rest House at Anantapur; on BM on rock outcrop near "Traveller's Bungalow".

(1)



(1)

REFERENCE SOURCE

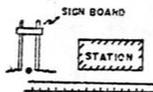
(1) 03419

GRAVITY BASE STATION

LATITUDE 12° 07.28'N (1)		STATION DESIGNATION	
LONGITUDE 76° 41.00'E (1)		NANJANGUD	
ELEVATION 656.3 METERS (1)		COUNTRY/STATE India/Mysore	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4318-1		g = 978 049.73 mgals	
		ESTIMATED ACCURACY DATE	
		+ 0.5 mgals 6/71	

DESCRIPTION AND/OR SKETCH

Railway Station at Nanjangud; beneath sign board on left side of station when facing building, on track side. (1)



(1)

REFERENCE SOURCE

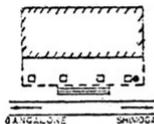
(1) 03419

GRAVITY BASE STATION

LATITUDE	13° 42.40'N	(1)	STATION DESIGNATION	
LONGITUDE	75° 48.67'E	(1)	TARIKERE	
ELEVATION	676.7	METERS (1)	COUNTRY/STATE India/Mysore	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4319-1			g = 978 111.13 mgals	
			ESTIMATED ACCURACY	DATE
			± 0.5 mgals	MONTH/YEAR 6/71

DESCRIPTION AND/OR SKETCH

On the verandah of the Tarikere "Traveller's Bungalow", to the right of the furthest column on the right when facing building. (1)



(1)

REFERENCE SOURCE

(1) 03419

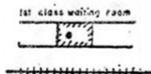
GRAVITY BASE STATION

LATITUDE 16° 11.26'N (1)		STATION DESIGNATION	
LONGITUDE 77° 20.16'E (1)		RAICHUR	
ELEVATION 400.5 METERS (1)		COUNTRY/STATE India/Mysore	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
C 4320-1		g = 978 283.03 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR 6/71

DESCRIPTION AND/OR SKETCH

Railway Station at Raichur, in the first class waiting room.

(1)



(1)

REFERENCE SOURCE

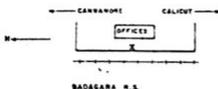
03419

GRAVITY BASE STATION

LATITUDE	11° 35.53'N	(1)	STATION DESIGNATION	
LONGITUDE	75° 35.37'E	(1)	BADAGARA	
ELEVATION	3.1	METERS (1)	COUNTRY/STATE	
			India/Kerala	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4343-1			g = 978 182.70 mgals	
			ESTIMATED ACCURACY	DATE
			+ 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Badagara Railroad Station, midway along west edge of platform, opposite the offices. (1)



(1)

REFERENCE SOURCE

(1) 03437

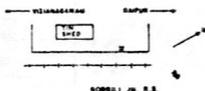
182

GRAVITY BASE STATION

LATITUDE 18° 34.60'N (1)	STATION DESIGNATION	
LONGITUDE 83° 20.85'E (1)	BOBBILI	
ELEVATION 133.5 METERS (1)	COUNTRY/STATE India/Andhra Pradesh	
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 4344-1	$g =$ 978 511.44 mgals	
	ESTIMATED ACCURACY	DATE
	\pm 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Bobbili Junction Railroad Station. On eastern edge of platform, approximately 1/4 distance from north end. (1)



(1)

REFERENCE SOURCE

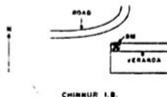
(1) 03437

GRAVITY BASE STATION

LATITUDE	18° 51.15'N	(1)	STATION DESIGNATION	
LONGITUDE	79° 47.40'E	(1)	CHINNUR	
ELEVATION	135.0	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4346-1			g =	978 506.59 mgals
			ESTIMATED ACCURACY	DATE
			± 0.6 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Chinnur Inspection Bungalow, at BM on west end of veranda. (1)



(1)

REFERENCE SOURCE

(1) 03437

184

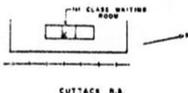
GRAVITY BASE STATION

LATITUDE	20° 28.20'N	(1)	STATION DESIGNATION	
LONGITUDE	85° 54.30'E	(1)	CUTTACK	
ELEVATION	23.0	METERS (1)	COUNTRY/STATE	
			India/Orissa	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4347-1			g = 978 656.95 mgals	
			ESTIMATED ACCURACY	
			DATE	
			MONTH/YEAR	
			7/71	
			± 0.6 mgals	

DESCRIPTION AND/OR SKETCH

Cuttack Railroad Station, in southeast corner of 1st class waiting room.

(1)



(1)

REFERENCE SOURCE

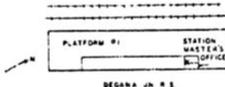
(1) 03437

GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">26° 53.70'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">DEGANA</div>	
LONGITUDE <div style="text-align: center;">74° 19.40'E (1)</div>		
ELEVATION <div style="text-align: center;">339.8 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">India/Rajasthan</div>	
REFERENCE CODE NUMBERS ACIC 4348-1		ADOPTED GRAVITY VALUE $g = 978\ 972.52$ mgals
		ESTIMATED ACCURACY ± 0.6 mgals
		DATE MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Degana Junction Railroad Station, in Station Master's office at north end of Platform #1. (1)



(1)

REFERENCE SOURCE

(1) 03437

186

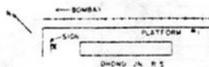
GRAVITY BASE STATION

LATITUDE	18° 05.60'N (1)	STATION DESIGNATION	
LONGITUDE	75° 25.00'E (1)	DHOND	
ELEVATION	536.6 METERS (1)	COUNTRY/STATE	
		India/Maharashtra	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4349-1		g = 978 344.54 mgals	
		ESTIMATED ACCURACY	DATE
		+ 0.6 mgals	MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

Dhond Junction Railroad Station, in front of a sign on north end of Platform #1.

(1)



(1)

REFERENCE SOURCE

(1) 03437

GRAVITY BASE STATION

LATITUDE 27° 23.30'N (1)	STATION DESIGNATION DIGBOI	
LONGITUDE 95° 38.30'E (1)	COUNTRY/STATE India/Assam	
ELEVATION 148.1 METERS (1)	ADOPTED GRAVITY VALUE	
REFERENCE CODE NUMBERS ACIC 4350-1	$g =$ 978 915.55 mgals	
	ESTIMATED ACCURACY	DATE
	\pm 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Digboi Railroad Station. At policeman's stand at road intersection, across tracks from Railroad Station. (1)



(1)

REFERENCE SOURCE

(1) 03437

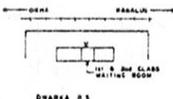
188

GRAVITY BASE STATION

LATITUDE 22° 15.00'N (1)	STATION DESIGNATION	
LONGITUDE 68° 59.05'E (1)	DWARKA	
ELEVATION 7.4 METERS (1)	COUNTRY/STATE India/Gujarat	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4351-1		$g =$ 978 787.30 mgals
		ESTIMATED ACCURACY
		DATE
\pm 0.6 mgals		MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Dwarka Railroad Station. On platform, in front of 1st and 2nd class waiting room. (1)



(1)

REFERENCE SOURCE

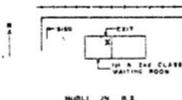
(1) 03437

GRAVITY BASE STATION

LATITUDE	15° 21.00'N	(1)	STATION DESIGNATION	HUBLI	
LONGITUDE	75° 09.00'E	(1)			
ELEVATION	627.0	METERS (1)	COUNTRY/STATE	India/Mysore	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4352-1			$g =$	978 206.27	mgals
			ESTIMATED ACCURACY	DATE	
			\pm 0.6 mgals	7/71	

DESCRIPTION AND/OR SKETCH

Hubli Junction Railroad Station, in northeast corner of 1st and 2nd class waiting room. (1)



(1)

REFERENCE SOURCE

(1) 05437

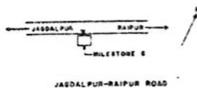
190

GRAVITY BASE STATION

LATITUDE		19° 10.50'N (1)	STATION DESIGNATION	
LONGITUDE		81° 58.70'E (1)	JAGDALPUR	
ELEVATION		563.9 METERS (1)	COUNTRY/STATE	
			India/Madhya Pradesh	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE		
ACIC 4353-1		g = 978 435.59		mgals
		ESTIMATED ACCURACY		DATE
		± 0.6 mgals	MONTH/YEAR	
			7/71	

DESCRIPTION AND/OR SKETCH

Jagdalpur - Raipur Road, on south side of road at milestone 8. (1)



(1)

REFERENCE SOURCE

(1) 03437

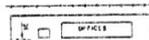
GRAVITY BASE STATION

LATITUDE		21° 01.40'N (1)		STATION DESIGNATION	
LONGITUDE		75° 34.00'E (1)		JALGAON	
ELEVATION		208.5 METERS (1)		COUNTRY/STATE	
				India/Maharashtra	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4354-1			g = 978 634.05 mgals		
			ESTIMATED ACCURACY		DATE
			± 0.6 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Jalgaon Junction Railroad Station, in front of sign at west end of platform.

(1)



JALGAON IN 87

(1)

REFERENCE SOURCE

(1) 03437

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
21° 44.10'N (1)		JETPUR	
LONGITUDE		COUNTRY/STATE	
70° 39.40'E (1)		India/Gujarat	
ELEVATION		ADOPTED GRAVITY VALUE	
85.0 METERS (1)		g = 978 734.09 mgals	
REFERENCE CODE NUMBERS		ESTIMATED ACCURACY	
ACIC 4355-1		DATE	
		MONTH/YEAR	
		7/71	
		+ 0.6 mgals	

DESCRIPTION AND/OR SKETCH

Jetpur Railroad Station. On northern edge of platform, approximately 1/3 distance (of platform) from west end of platform. (1)



(1)

REFERENCE SOURCE

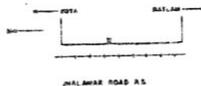
(1) 03437

GRAVITY BASE STATION

LATITUDE	24° 32.68'N	(1)	STATION DESIGNATION	
LONGITUDE	75° 55.32'E	(1)	JHALAWAR	
ELEVATION	361.4	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4356-1			g = 978 830.85 mgals	
			ESTIMATED ACCURACY	DATE
			+ 0.6 mgals	MONTH/YEAR
			7/71	

DESCRIPTION AND/OR SKETCH

Jhalawar Road Railroad Station. On western edge of platform. (1)



(1)

REFERENCE SOURCE

(1) 03437

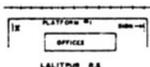
GRAVITY BASE STATION

LATITUDE	24° 41.20'N	(1)	STATION DESIGNATION	
LONGITUDE	78° 23.90'E	(1)	LALITPUR	
ELEVATION	371.2	METERS (1)	COUNTRY/STATE	India/Uttar Pradesh
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4358-1			$g =$	978 812.17 mgals
			ESTIMATED ACCURACY	DATE
			\pm 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Lalitpur Railroad Station, at sign at southwest corner of Platform #1.

(1)



(1)

REFERENCE SOURCE

(1) 03437

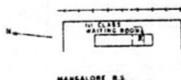
GRAVITY BASE STATION

LATITUDE	12° 51.70'N	(1)	STATION DESIGNATION	
LONGITUDE	74° 50.70'E	(1)	MANGALORE	
ELEVATION	10.4	METERS (1)	COUNTRY/STATE	
			India/Mysore	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4359-1			g = 978 254.34 mgals	
			ESTIMATED ACCURACY	
			DATE	
			MONTH/YEAR	
			± 0.6 mgals	7/71

DESCRIPTION AND/OR SKETCH

Mangalore Railroad Station, in southeast corner of 1st class waiting room.

(1)



(1)

REFERENCE SOURCE

(1) 03437

GRAVITY BASE STATION

LATITUDE 16° 48.50'N (1)	STATION DESIGNATION	
LONGITUDE 74° 38.70'E (1)	MIRAJ	
ELEVATION 549.2 METERS (1)	COUNTRY/STATE India/Maharashtra	
REFERENCE CODE NUMBERS ACIC 4360-1		ADOPTED GRAVITY VALUE g = 978 287.93 mgals
		ESTIMATED ACCURACY ± 0.6 mgals
		DATE 7/71

DESCRIPTION AND/OR SKETCH

Miraj Junction Railroad Station, at foot of steps leading to bridge at north end of Platforms Nos 2 and 3. (1)



(1)

REFERENCE SOURCE

(1) 03437

GRAVITY BASE STATION

LATITUDE 19° 09.47'N (1)	STATION DESIGNATION		
LONGITUDE 77° 18.63'E (1)	NANDER		
ELEVATION 362.7 METERS (1)	COUNTRY/STATE India/Maharashtra		
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4361-1		$g =$ 978 466.81	mgals
		ESTIMATED ACCURACY	DATE
		\pm 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Nander Junction Railroad Station, in front of booking office, on platform.

(1)

(1)

REFERENCE SOURCE

(1) 03437

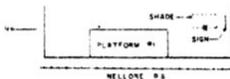
GRAVITY BASE STATION

LATITUDE 14° 27.15'N (1)	STATION DESIGNATION	
LONGITUDE 79° 59.45'E (1)	NELLORE	
ELEVATION 19.2 METERS (1)	COUNTRY/STATE India/Andhra Pradesh	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4362-1	g = 978 320.10 mgals	
	ESTIMATED ACCURACY	DATE
	± 0.6 mgals	7/71

DESCRIPTION AND/OR SKETCH

Nellore Railroad Station, at west edge of shade area south of Platform #1.

(1)



(1)

REFERENCE SOURCE

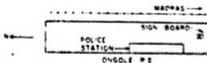
(1) 03437

GRAVITY BASE STATION

LATITUDE		15° 30.00'N (1)		STATION DESIGNATION	
LONGITUDE		80° 03.60'E (1)		ONGOLE	
ELEVATION		7.8 METERS (1)		COUNTRY/STATE	
				India/Andhra Pradesh	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4363-1			g = 978 401.91 mgals		
			ESTIMATED ACCURACY		
			DATE		
			+ 0.6 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Ongole Railroad Station, in front of sign board at south end of platform;
just south of Police Station on platform. (1)



(1)

REFERENCE SOURCE

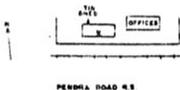
(1) 03437

GRAVITY BASE STATION

LATITUDE	22° 45.45'N	(1)	STATION DESIGNATION	
LONGITUDE	81° 53.92'E	(1)	PENDRA	
ELEVATION	618.4	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4364-1			$g =$	978 634.51
				mgals
			ESTIMATED ACCURACY	DATE
			+ 0.6	MONTH/YEAR
			mgals	7/71

DESCRIPTION AND/OR SKETCH

Pendra Road Railroad Station, in tin shed west of offices on platform. (1)



(1)

REFERENCE SOURCE

(1) 03437

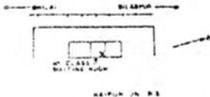
202

GRAVITY BASE STATION

LATITUDE	21° 15.60'N (1)	STATION DESIGNATION	
LONGITUDE	81° 38.00'E (1)	RAIPUR	
ELEVATION	314.5 METERS (1)	COUNTRY/STATE	
		India/Madhya Pradesh	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4365-1		g = 978 619.62 mgals	
		ESTIMATED ACCURACY	DATE
		+ 0.6 mgals	MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

Raipur Junction Railroad Station, in northeast corner of 1st class waiting room. (1)



(1)

REFERENCE SOURCE

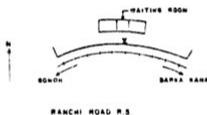
(1) 03437

GRAVITY BASE STATION

LATITUDE	23° 40.05'N	(1)	STATION DESIGNATION	
LONGITUDE	85° 30.80'E	(1)	RANCHI	
ELEVATION	352.9	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4366-1			g = 978 771.34 mgals	
			ESTIMATED ACCURACY	DATE
			± 0.6 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Ranchi Road Railroad Station, at edge of curved platform, opposite waiting room. (1)



(1)

REFERENCE SOURCE

(1) 03437

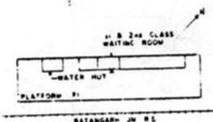
204

GRAVITY BASE STATION

LATITUDE	28° 03.90'N	(1)	STATION DESIGNATION	
LONGITUDE	74° 37.90'E	(1)	RATANGARH	
ELEVATION	339.8	METERS (1)	COUNTRY/STATE	
			India/Rajasthan	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4367-1			g = 979 999.88 mgals	
			ESTIMATED ACCURACY	DATE
			+ 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

At the Ratangarh Junction Railroad Station, on Platform #1, in front of 1st and 2nd class waiting room. (1)



(1)

REFERENCE SOURCE

(1) 03437

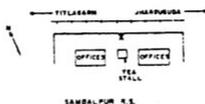
GRAVITY BASE STATION

LATITUDE	21° 29.25'N	(1)	STATION DESIGNATION	
LONGITUDE	83° 56.60'E	(1)	SAMBALPUR	
ELEVATION	178.8	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4368-1			g = 978 672.13 mgals	
			ESTIMATED ACCURACY	DATE
			+ 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Sambalpur Railroad Station, at north edge of platform, opposite tea stall.

(1)



(1)

REFERENCE SOURCE

(1) 03437

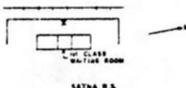
206

GRAVITY BASE STATION

LATITUDE 24° 34.10'N (1)		STATION DESIGNATION	
LONGITUDE 80° 49.92'E (1)		SATNA	
ELEVATION 315.4 METERS (1)		COUNTRY/STATE India/Madhya Pradesh	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4369-1		g = 978 840.56 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Satna Railroad Station, midway along west edge of platform, opposite 1st class waiting room. (1)



(1)

REFERENCE SOURCE

(1) 03437

GRAVITY BASE STATION

LATITUDE 25° 34.00'N (1)	STATION DESIGNATION	
LONGITUDE 91° 53.00'E (1)	SHILLONG	
ELEVATION 1600.0 METERS (1)	COUNTRY/STATE India/Assam	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4370-1	g = 978 674.05 mgals	
	ESTIMATED ACCURACY	DATE
	± 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Seismological Observatory, in basement, just south of seismograph, at steps leading to 1st floor. (1)



(1)

REFERENCE SOURCE

(1) 03437

208

GRAVITY BASE STATION

LATITUDE	17° 39.70'N	(1)	STATION DESIGNATION SHOLAPUR	
LONGITUDE	75° 53.60'E	(1)		
ELEVATION	454.8	METERS (1)	COUNTRY/STATE India/Maharashtra	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4371-1			g = 978 348.09 mgals	
			ESTIMATED ACCURACY	DATE
			+ 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Sholapur Railroad Station, in front of 1st class waiting room on Platform #1.

(1)



(1)

REFERENCE SOURCE

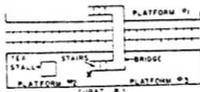
(1) 03437

GRAVITY BASE STATION

LATITUDE	21° 12.00'N	(1)	STATION DESIGNATION	
LONGITUDE	72° 50.60'E	(1)	SURAT	
ELEVATION	17.4	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4372-1			$g = 978\ 720.79$ mgals	
			ESTIMATED ACCURACY	DATE
			± 0.6 mgals	MONTH/YEAR
			7/71	

DESCRIPTION AND/OR SKETCH

Surat Railroad Station, midway on Platforms #2 and #3, at foot of steps leading to a bridge over the railroad tracks to Platform #1. (1)



(1)

REFERENCE SOURCE

(1) 03437

210

GRAVITY BASE STATION

LATITUDE		16° 30.40'N (1)	STATION DESIGNATION	
LONGITUDE		80° 37.10'E (1)	VIJAYAWADA	
ELEVATION		22.9 METERS (1)	COUNTRY/STATE India/Andhra Pradesh	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4373-1			g = 978 448.04 mgals	
			ESTIMATED ACCURACY	
			DATE	
			MONTH/YEAR	
			7/71	
			± 0.6 mgals	

DESCRIPTION AND/OR SKETCH

Vijayawada Junction Railroad Station, at south end of Platform #4, in front of sign in front of Post Office. (1)



VIJAYAWADA JN RS

(1)

REFERENCE SOURCE

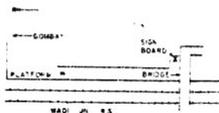
(1) 03437

GRAVITY BASE STATION

LATITUDE 17° 03.20'N (1)	STATION DESIGNATION WADI	
LONGITUDE 76° 59.67'E (1)		
ELEVATION 428.2 METERS (1)	COUNTRY/STATE India/Mysore	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4374-1	g = 978 319.56 mgals	
	ESTIMATED ACCURACY	DATE
	± 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Wadi Junction Railroad Station, in front of sign board near bridge at south end of Platform #1. (1)



(1)

REFERENCE SOURCE

(1) 03437

212

GRAVITY BASE STATION

LATITUDE	23° 41.50'N	(1)	STATION DESIGNATION	
LONGITUDE	86° 58.70'E	(1)	ASANSOL	
ELEVATION	107.9	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4378-1			g = 978 831.96 mgals	
			ESTIMATED ACCURACY	DATE
			+ 0.6 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Asansol Junction Railroad Station. Platform #5, just south of steps leading to bridge, step on east side of bridge. (1)



(1)

REFERENCE SOURCE

(1) 03437

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
LONGITUDE		QUETTA	
ELEVATION		COUNTRY/STATE	
METERS		Pakistan/West Pakistan	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4396-1		g = 978 855.53	mgals
		ESTIMATED ACCURACY	DATE
		+ 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Quetta Geophysical Institute, Geomagnetic Block. (1)

REFERENCE SOURCE

(1) 00856

214

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
LONGITUDE		LAHORE	
ELEVATION		COUNTRY/STATE	
METERS		Pakistan/West Pakistan	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4397-1		$g =$ 979 388.73	mgals
		ESTIMATED ACCURACY	
		+ 0.6 mgals	DATE
			MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

Lahore Geology Department, Geophysical "tomb".

(1)

REFERENCE SOURCE

(1) 00856

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
LONGITUDE		SARGHODA	
ELEVATION		COUNTRY/STATE	
METERS		Pakistan/West Pakistan	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4398-1		g = 979 466.03 mgals	
		ESTIMATED ACCURACY	DATE
		+ 0.6 mgals	MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

Sarghoda Airport, front of VIP room entrance.

(1)

REFERENCE SOURCE

(1) 00856

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
LONGITUDE		RAWALPINDI	
ELEVATION		COUNTRY/STATE	
METERS		Pakistan/West Pakistan	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4399-2		$g =$	979 347.63 mgals
		ESTIMATED ACCURACY	DATE
		+ 0.6 mgals	MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

Christchurch, Primary BM.

(1)

REFERENCE SOURCE

(1) 00856

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
LONGITUDE		PESHAWAR	
ELEVATION		COUNTRY/STATE	
METERS		Pakistan/West Pakistan	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4400-1		$g =$	979 393.03 mgals
		ESTIMATED ACCURACY	DATE
		+ 0.6 mgals	MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

Peshawar Airport, left end verandah facing PIA Office.

(1)

REFERENCE SOURCE

(1) 00856

218

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
LONGITUDE		MULTAN	
ELEVATION		COUNTRY/STATE	
METERS		Pakistan/West Pakistan	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4401-2		$g =$ 979 245.03 mgals	
		ESTIMATED ACCURACY	DATE
		+ 0.6 mgals	MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

Cantt. Church, Primary EM. (1)

REFERENCE SOURCE

(1) 00856

GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">28° 16.58'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">JACOBABAD</div>	
LONGITUDE <div style="text-align: center;">68° 26.00'E (1)</div>		
ELEVATION <div style="text-align: center;">55.8 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">Pakistan/West Pakistan</div>	
REFERENCE CODE NUMBERS ACIC 4402-1		ADOPTED GRAVITY VALUE <div style="text-align: center;">g = 979 189.43 mgals</div>
		ESTIMATED ACCURACY <div style="text-align: center;">± 0.6 mgals</div>
		DATE MONTH/YEAR <div style="text-align: center;">7/71</div>

DESCRIPTION AND/OR SKETCH

Railway Station, platform level, at Booking Office. (1)

REFERENCE SOURCE

(1) 00856

220

GRAVITY BASE STATION

LATITUDE		28° 25.00'N	(1)	STATION DESIGNATION	
LONGITUDE		70° 18.08'E	(1)	RAHIM YAR KHAN	
ELEVATION		METERS		COUNTRY/STATE	
				Pakistan/West Pakistan	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4403-1				$g =$	979 141.73 mgals
				ESTIMATED ACCURACY	DATE
				+ 0.6 mgals	MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Railway Station, platform level, at Booking Office.

(1)

REFERENCE SOURCE

(1) 00856

GRAVITY BASE STATION

LATITUDE 29° 24.08'N (1)	STATION DESIGNATION BAHAWALPUR	
LONGITUDE 71° 39.25'E (1)		
ELEVATION 115.8 METERS (1)	COUNTRY/STATE Pakistan/West Pakistan	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4404-1	g = 979 198.43 mgals	
	ESTIMATED ACCURACY	DATE
	+ 0.6 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Railway Station, platform level, at Booking Office. (1)

REFERENCE SOURCE

(1) 00856

222

GRAVITY BASE STATION

LATITUDE	30° 39.17'N	(1)	STATION DESIGNATION	
LONGITUDE	73° 06.08'E	(1)	MONTGOMERY	
ELEVATION	167.6	METERS (1)	COUNTRY/STATE	
			Pakistan/West Pakistan	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4405-1			g =	979 322.73 mgals
			ESTIMATED ACCURACY	DATE
			± 0.6 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Railway Station, platform level, at Booking Office.

(1)

REFERENCE SOURCE

(1) 00856

GRAVITY BASE STATION

LATITUDE	30° 49.56'N	(1)	STATION DESIGNATION	
LONGITUDE	67° 44.50'E	(1)	HINDUBAGH	
ELEVATION	1790.7	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4406-1			$g = 978\ 878.43$ mgals	
			ESTIMATED ACCURACY	DATE
			± 0.6 mgals	MONTH/YEAR
			7/71	

DESCRIPTION AND/OR SKETCH

Road junction opposite MES Inspection bungalow. (1)

REFERENCE SOURCE

(1) 00856

224

GRAVITY BASE STATION

LATITUDE	31° 24.17'N	(1)	STATION DESIGNATION	
LONGITUDE	69° 48.41'E	(1)	MANIKAWA	
ELEVATION	1729.7	METERS (1)	COUNTRY/STATE	
			Pakistan/West Pakistan	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4407-1			g =	979 097.53
			mgals	
			ESTIMATED ACCURACY	DATE
			+ 0.6	MONTH/YEAR
			-	7/71

DESCRIPTION AND/OR SKETCH

Fort Gate.

(1)

REFERENCE SOURCE

(1) 00856

GRAVITY BASE STATION

LATITUDE		33° 00.00'N	(1)	STATION DESIGNATION	
LONGITUDE		70° 36.00'E	(1)		
ELEVATION		381.0	METERS (1)	COUNTRY/STATE	
				Pakistan/West Pakistan	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4408-1			g = 979 345.03 mgals		
			ESTIMATED ACCURACY		DATE
			± 0.6 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Mission bungalow Tochi Road, entrance.

(1)

REFERENCE SOURCE

(1) 00856

GRAVITY BASE STATION

LATITUDE		34° 45.00'N	(1)	STATION DESIGNATION		SAIDU SHARIF
LONGITUDE		72° 21.50'E	(1)	COUNTRY/STATE		
ELEVATION		961.2	METERS (1)	ADOPTED GRAVITY VALUE		
REFERENCE CODE NUMBERS				g = 979 303.93 mgals		
ACIC 4409-1				ESTIMATED ACCURACY		DATE
				± 0.6 mgals		MONTH/YEAR
						7/71

DESCRIPTION AND/OR SKETCH

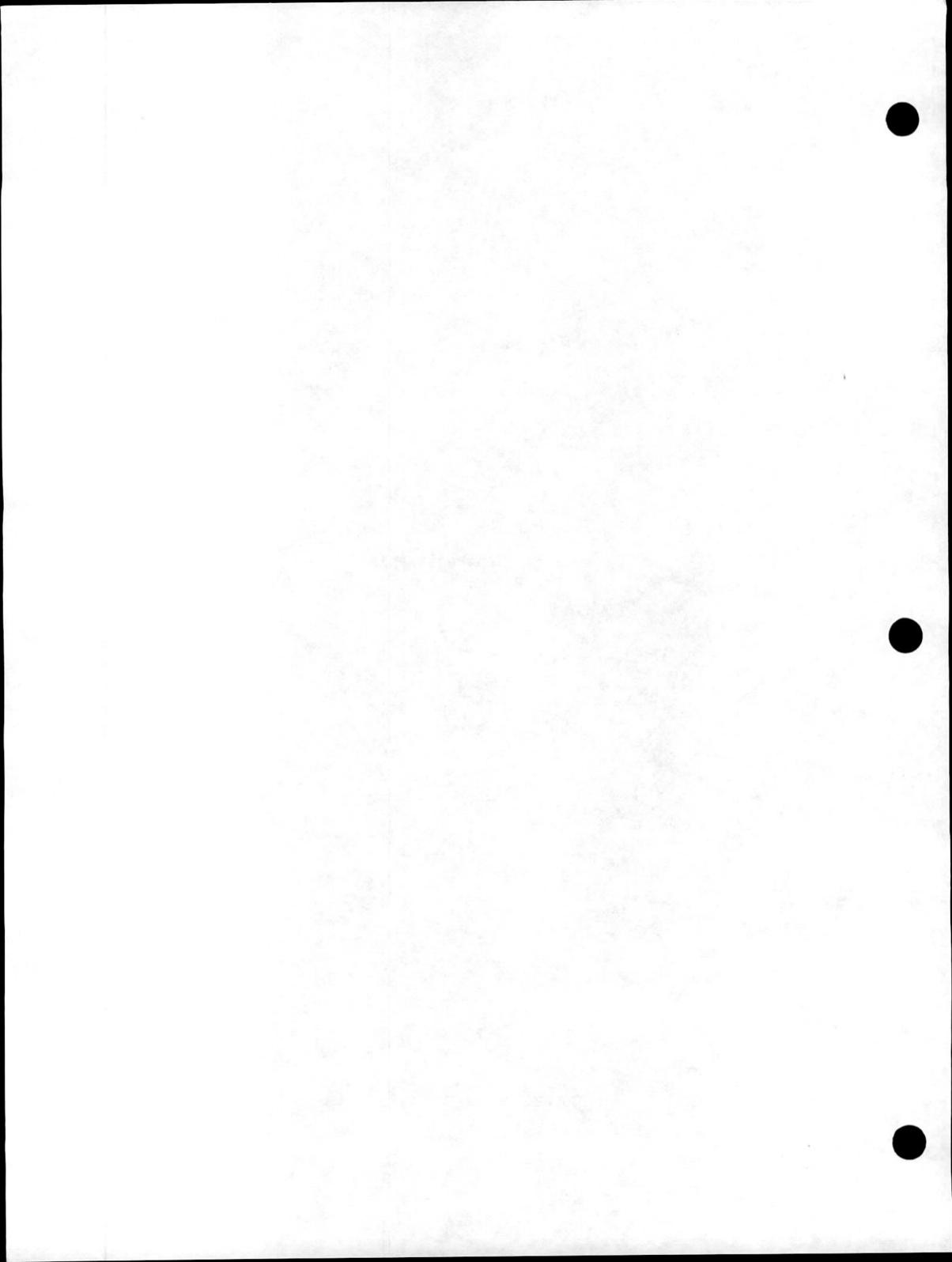
8 Swat Hotel, entrance.

(1)

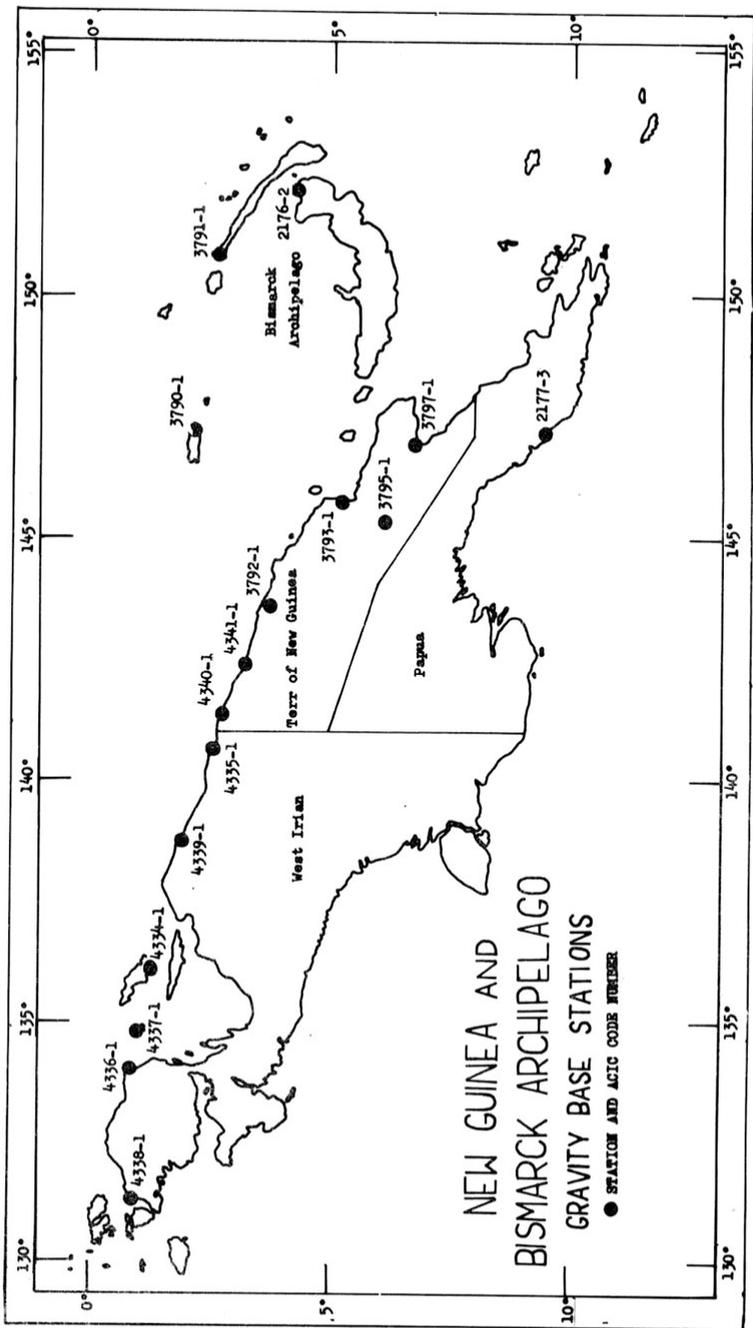
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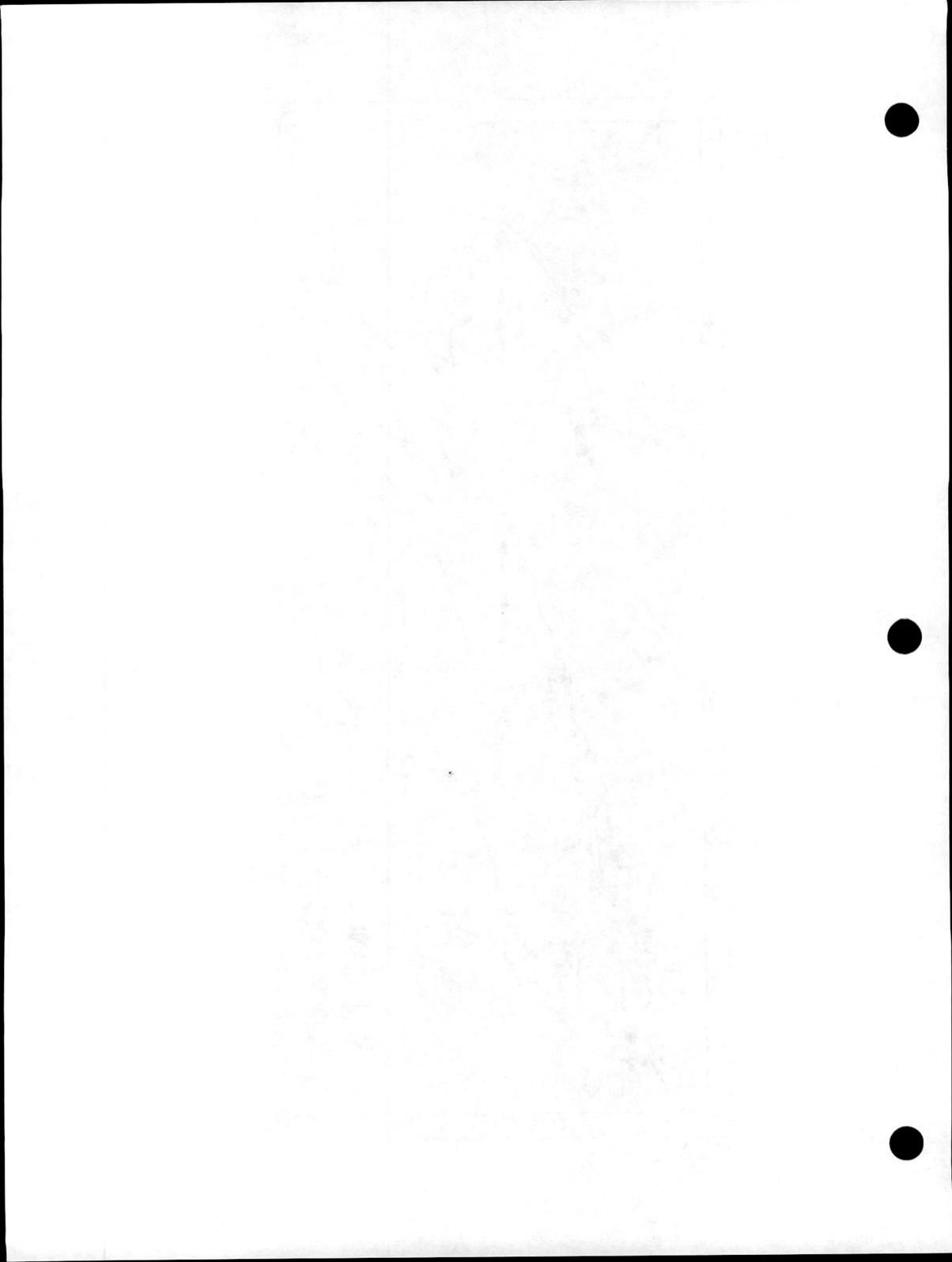
(1) 00856

4.2.3. Southeast Asia









CROSS REFERENCE LIST
BURMA

STATION DESIGNATION	ACIC REF NO
RANGOON	0778-1

CROSS REFERENCE LIST
CAMBODIA

STATION DESIGNATION	ACIC REF NO
RATTAMBANG	2219-1
CHEOM KSAN	3717-1
KAMPOT	3720-1
KOMPONG THOM	2218-1
KRATIE	2217-1
PHNOM PENH	0779-3
STUNG TRENG	3719-1
VOFUNE SAI	3718-1

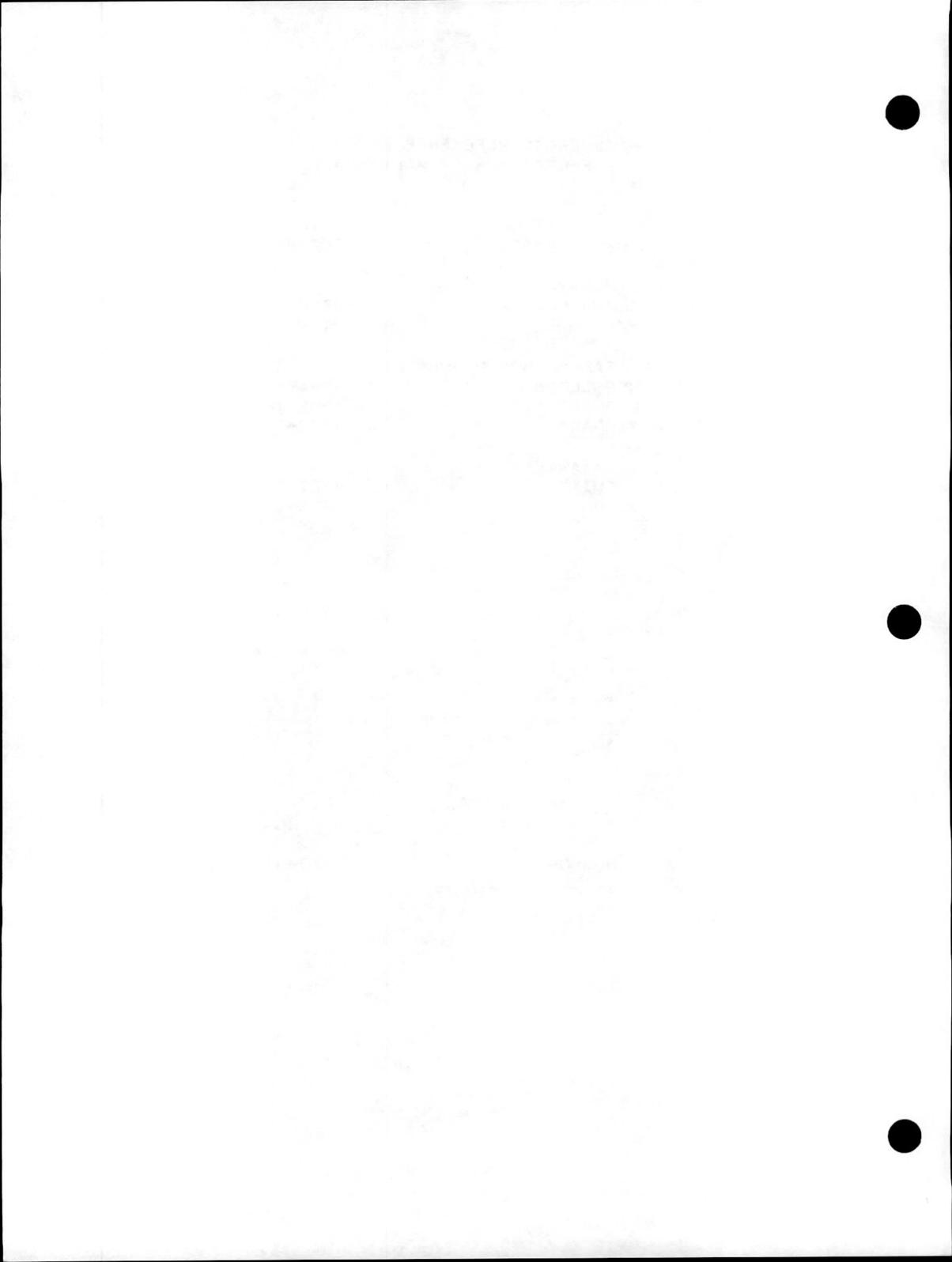
COOPER, RICHARD
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CROSS REFERENCE LIST
FEDERATION OF MALAYSIA

STATION DESIGNATION	ACIC REF NO
MALAYA	
KUALA LUMPUR	2200-1
PENANG	2199-0
SABAH (NORTH BORNEO)	
JESSELTON	4394-1
LABUAN IS.	4393-1
SANDAKAN	4120-1
SARAWAK	
KUCHING	4121-1
SIBU	4392-1

CROSS REFERENCE LIST
HONG KONG

STATION DESIGNATION	ACIC REF NO
HONG KONG	0069-0

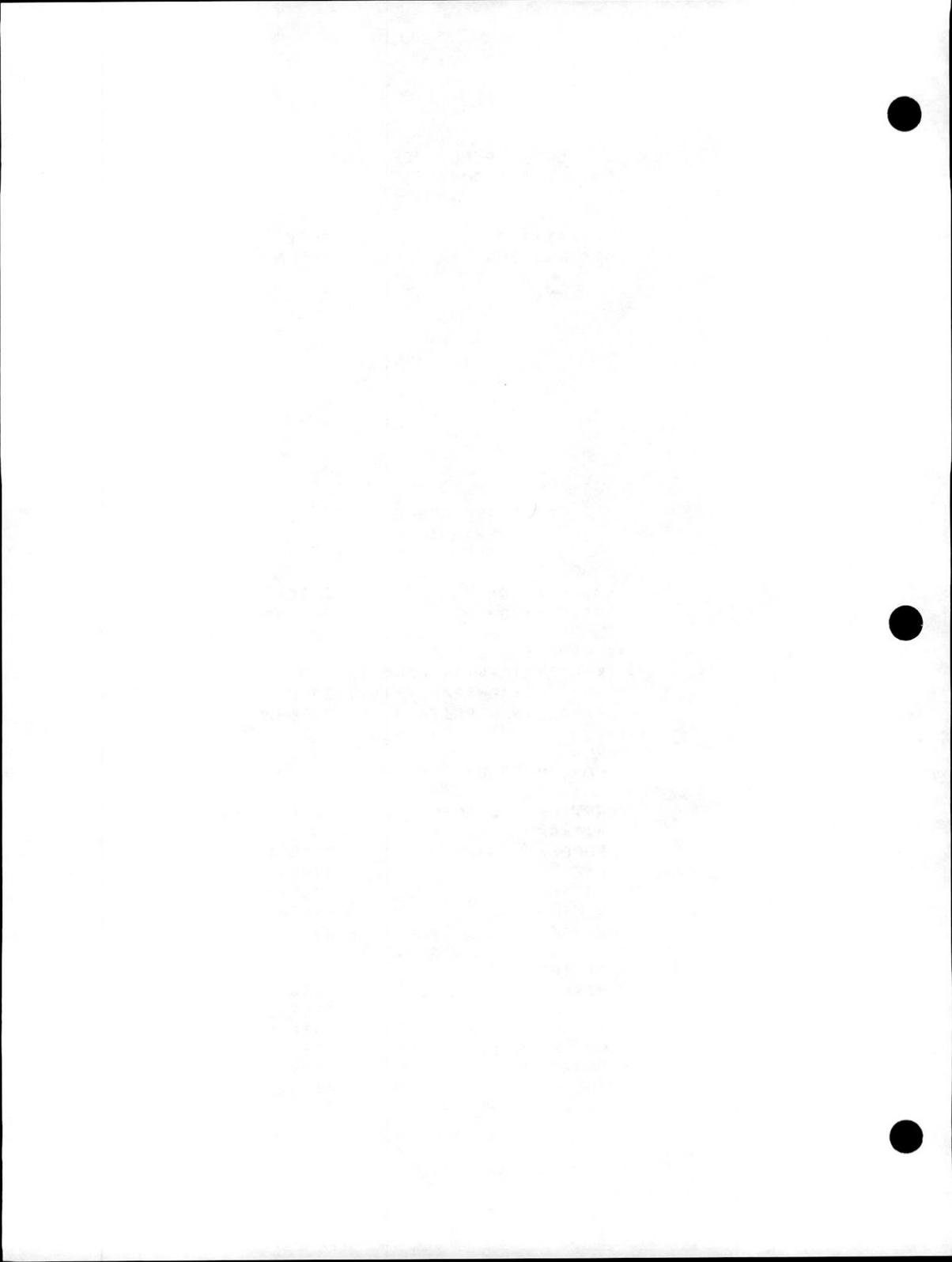


CROSS REFERENCE LIST
INDONESIA

STATION DESIGNATION	ACIC REF NO
DJAKARTA	2074-1

CROSS REFERENCE LIST
NEW GUINEA

STATION DESIGNATION	ACIC REF NO
BISMARCK ARCHIPELAGO	
KAVIENG (NEW IRELAND IS)	3791-1
MOMOTE (ADMIRALTY IS.)	3790-1
RABAUL (NEW BRITAIN IS)	2176-2
PAPUA	
PORT MORESBY	2177-3
TERR. OF NEW GUINEA (NORTH-EAST NEW GUINEA)	
AITAPF	4341-1
GOROKA	3795-1
LAE	3797-1
MADANG	3793-1
VANIMO	4340-1
WEWAK	3792-1
WEST IRIAN	
BIAK IS.	4334-1
HOLLANDIA	4335-1
MANOKWARI	4336-1
NOEMFOOR IS.	4337-1
SARMI	4339-1
SORONG	4338-1

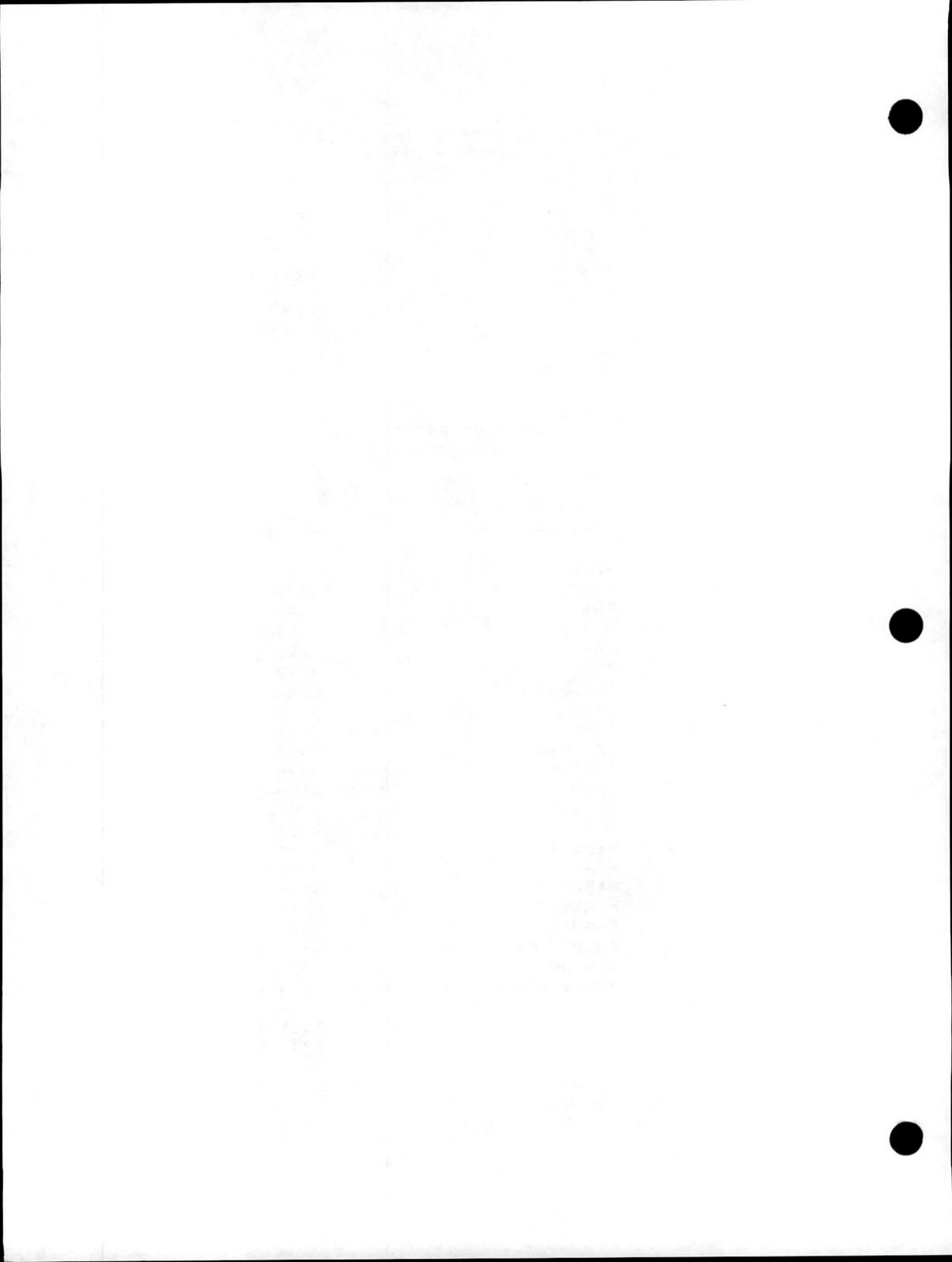


CROSS REFERENCE LIST
NORTH VIETNAM

STATION DESIGNATION	ACIC REF NO
HANOI	4391-1

CROSS REFERENCE LIST
PHILIPPINES

STATION DESIGNATION	ACIC REF NO
APARRI	3688-1
BALER	3689-1
BUAYAN	3690-1
RIITUAN	3691-1
CAGAYAN	3692-1
CFBU CITY	2032-2
COTABATO	3694-1
DAET	3695-1
DAVAO	3696-1
DEL PILAR	3697-1
ILOILO	3698-1
JOLO	3699-1
LINGAYAN	3701-1
LUCENA	3702-1
MALASA	3708-1
MANILA	0097-1
MASRATF	3703-1
MISAMIS	3704-1
NAGUILIAN	4342-1
PUERTO PRINCESA	3705-1
SAN JOSE	3710-1
SAN VINCFNTE	3693-1
SURIGAO	3709-1
TACLOBAN	3711-1
TAGBILARAN	3707-1
TUGDAN	3706-1
VIGAN	3713-1
ZAMBOANGA	3714-1

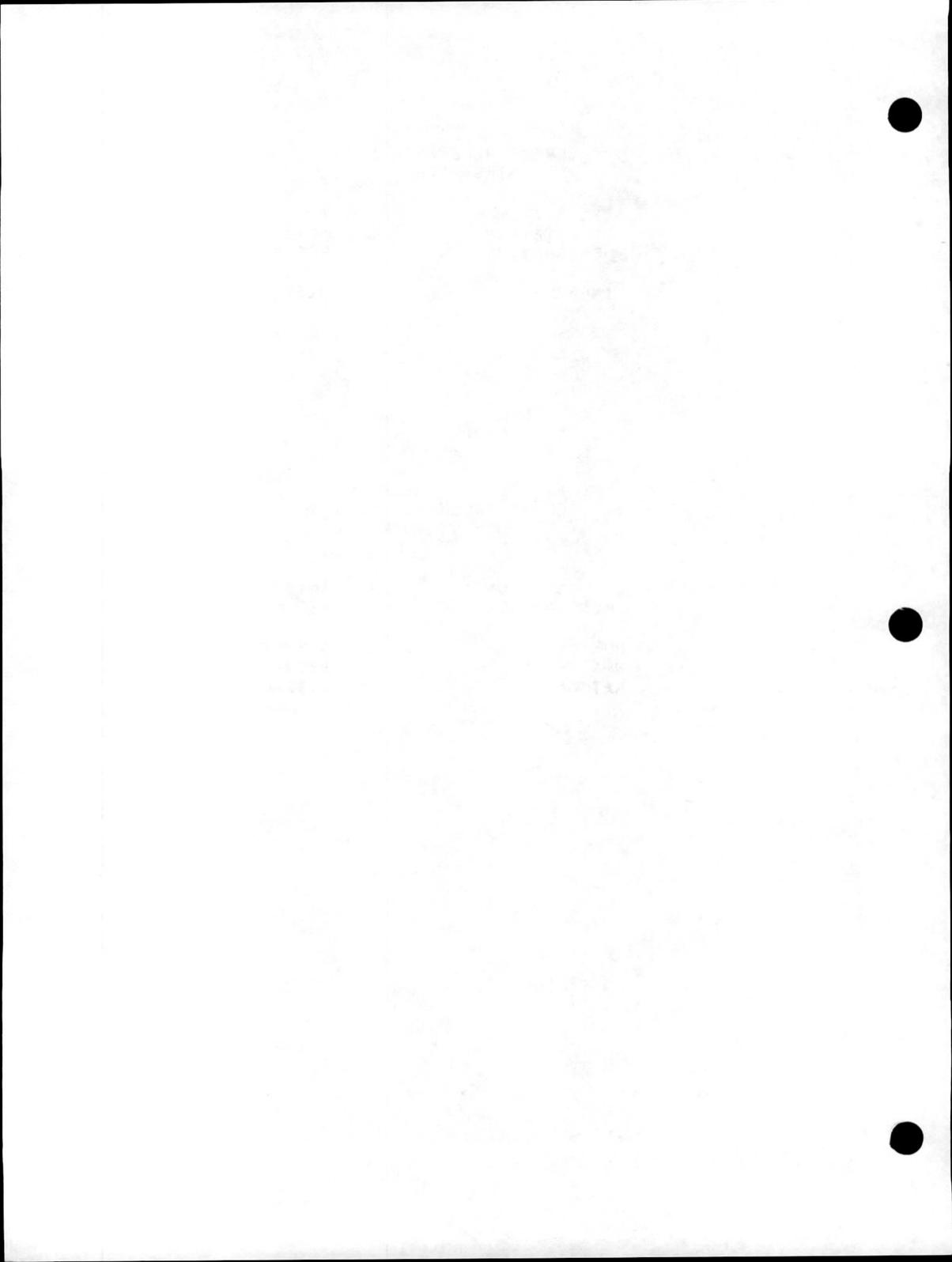


CROSS REFERENCE LIST
SINGAPORE

STATION DESIGNATION	ACIC REF NO
SINGAPORE	0139-0

CROSS REFERENCE LIST
SOUTH VIETNAM

STATION DESIGNATION	ACIC REF NO
HUE	4390-1
NHA TRANG	4389-1
SAIGON	0132-0



CROSS REFERENCE LIST
THAILAND

STATION DESIGNATION	ACIC REF NO
BANGKOK	0011-0
CHIANG MAI	3492-1
CHIANG RAI	3493-1
KHORAT	3494-1
NAKHON PHANOM	3495-1
NAKHON SAWAN	3496-1
NAKHON SI THAMARAT	3497-1
PHITSANULOK	3498-1
PHUKET	3499-1
PRACHUAP KHARI KHAN	3500-1
RANONG	3501-1
SONGKHLA	2201-0
TAK	3502-1
URON	3503-1
UDON	3504-1



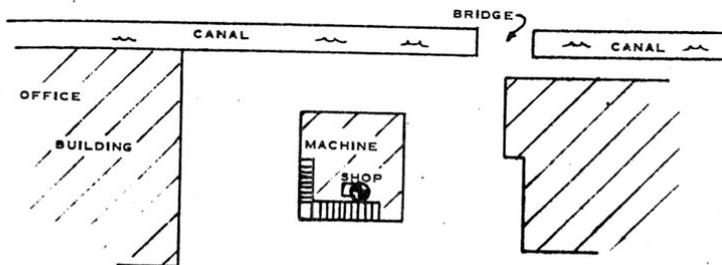
GRAVITY BASE STATION

LATITUDE 13° 45.10'N (1)	STATION DESIGNATION	
LONGITUDE 100° 28.67'E (1)	BANGKOK	
ELEVATION 3.36 METERS (1)	COUNTRY/STATE Thailand	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 0011-0		$g =$ 978 313.72 mgals
IGB 06230A		
NHO 37.04		
	ESTIMATED ACCURACY	DATE
	+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made in Bangkok at the Royal Thai Survey Department Headquarters.

The site is located in the machine shop, on the concrete pier. This is the Thailand National Gravity Base. Pendulums are read at the pier base, on the floor. (1)



ROYAL THAI SURVEY HEADQUARTERS AREA

(1)

REFERENCE SOURCE

(1) 01452

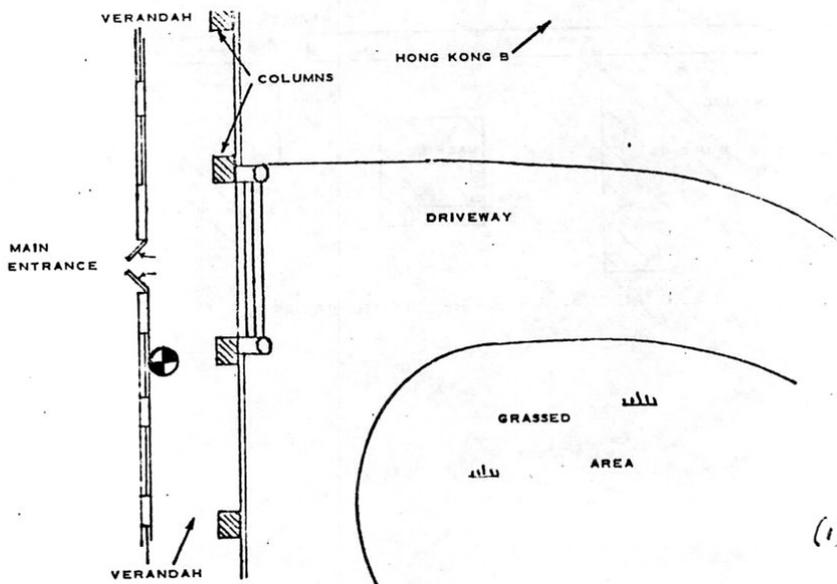
GRAVITY BASE STATION

LATITUDE	22° 18.50'N	(1)	STATION DESIGNATION	
LONGITUDE	114° 09.50'E	(1)	HONG KONG	
ELEVATION	20	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0069-0			g = 978 768.10 mgals	
IGB 09724N				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made on Hong Kong's Kowloon side at the Royal Observatory Office building.

The site is located on the main entrance verandah, under the first window south of the entry, on the concrete floor. The station is monumented with a brass disk inscribed "Gravity Calibration Base". (1)



REFERENCE SOURCE

(1) 01452

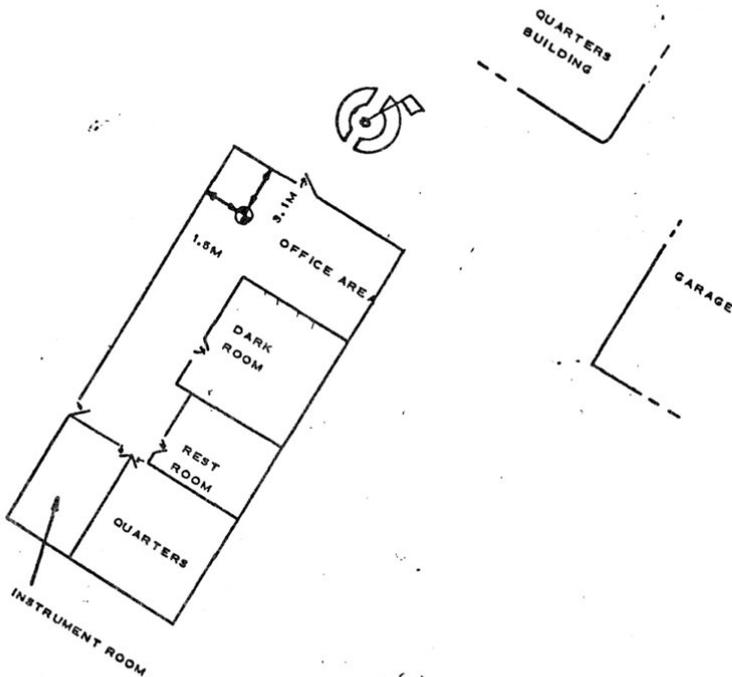
GRAVITY BASE STATION

LATITUDE	14° 22.47'N	(1)	STATION DESIGNATION	
LONGITUDE	121° 00.93'E	(1)	MANILA	
ELEVATION	65	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0097-1			$g =$	978 361.44
IGB 06050B				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				8/70

DESCRIPTION AND/OR SKETCH

Observations were made in the town of Muntinlupo (on the premises of Bilibid Prison, approximately 25 kilometers south of Manila on Highway No 1) at the office building of the Philippine Coast and Geodetic Survey Magnetic Observatory.

The site is located in the office area in the northwest corner of the building, on the concrete floor. The station is monumented with a brass disk inscribed, "Philippine Coast and Geodetic Survey Gravity Station 1954". (1)



REFERENCE SOURCE

(1) 01452

239

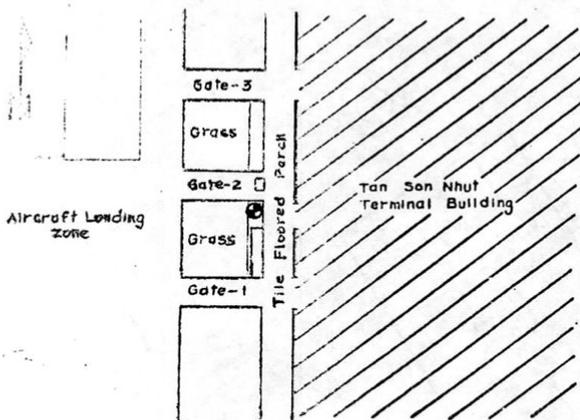
GRAVITY BASE STATION

LATITUDE	10° 49.10'N	(1)	STATION DESIGNATION	
LONGITUDE	106° 38.50'E	(1)	SAIGON	
ELEVATION	10	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0132-0			g = 978 228.83 mgals	
IGB 06206J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made in Saigon at the Tan Son Nhut International Airport terminal.

The site is located at the south end of Gate No 2 exit to planes, on the wall, 0.42 meter above porch level. (1)



(1)

REFERENCE SOURCE

(1) 01452

GRAVITY BASE STATION

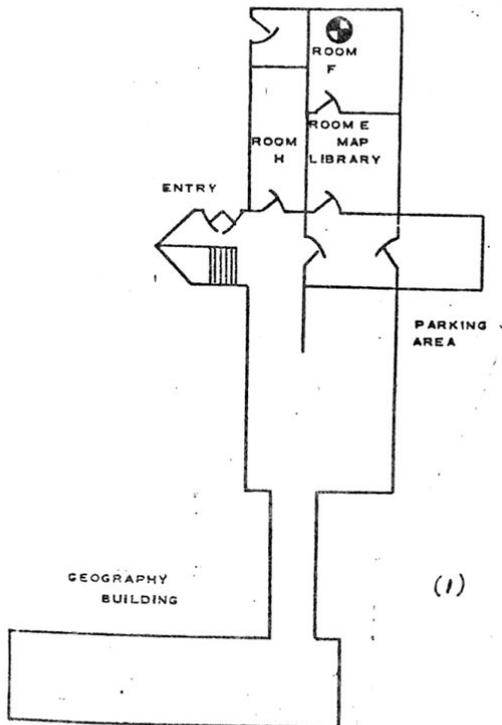
LATITUDE	01° 19.10'N	(1)	STATION DESIGNATION	
LONGITUDE	103° 49.10'E	(1)	SINGAPORE	
ELEVATION	19.2	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0139-0			g = 978 080.31 mgals	
IGB 02613A				
GW 102				
NHO 13.00			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made in Singapore at the University of Singapore.

The site is located in the geography department building no 3, on the ground floor, in the northwest corner of Room "F". This is the site of GSI 1957 and Gulf M 1958; and near the second occupation of Cambridge 1959. The station is monumented with a bronze disk inscribed "Gravity Calibration Base".

(1)



REFERENCE SOURCE

(1) 01452

241

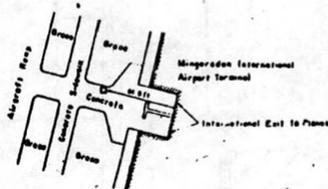
GRAVITY BASE STATION

LATITUDE	16° 54.1'N	(1)	STATION DESIGNATION	
LONGITUDE	96° 08.2'E	(1)	RANGOON	
ELEVATION	25.91	METERS (1)	COUNTRY/STATE	
			Burma/Pegu	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0778-1			g = 978 467.51 mgals	
IGB 06366K				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				3/69

DESCRIPTION AND/OR SKETCH

Observations were made on the field side of the Mingaladon International Airport Terminal, Rangoon.

The site is located on the sidewalk, at ground level, and 61.5 feet northwest of the two international exits to planes. The site is a re-occupations of the Burma Survey Department fundamental gravity base for Burma, No 58001. (1)



REFERENCE SOURCE

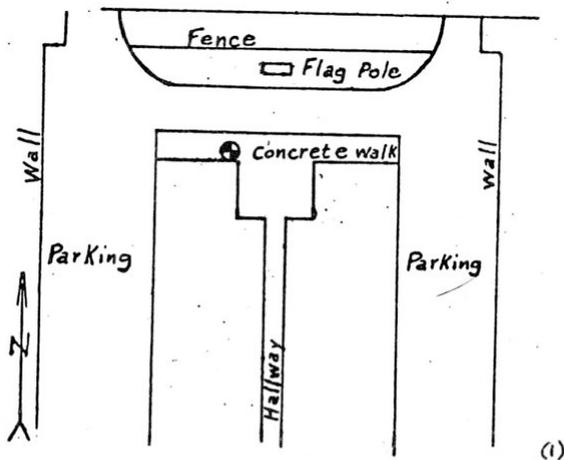
(1) 02202

GRAVITY BASE STATION

LATITUDE 11° 34.5'N (1)		STATION DESIGNATION PHNOM PENH	
LONGITUDE 104° 55.2'E (1)			
ELEVATION 11.0 METERS (1)		COUNTRY/STATE Cambodia	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0779-3		$g =$ 978 242.08 mgals	
IGB 06214B			
		ESTIMATED ACCURACY	DATE
		\pm 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the north side of the Service Geographic des Park building, about 3 meters west of centerline of the main entrance, 0.52 meter below BM "Nivellement General S.G.K." on the concrete sidewalk. (1)



REFERENCE SOURCE

(1) 02278

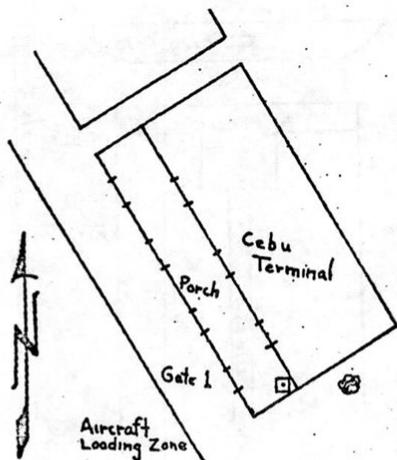
243

GRAVITY BASE STATION

LATITUDE 10° 21'N (1)		STATION DESIGNATION	
LONGITUDE 123° 54'E (1)		CEBU CITY	
ELEVATION 29.6 METERS (1)		COUNTRY/STATE Philippines	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2032-2		g = 978 267.32 mgals	
IGB 06003J			
NHO 12.06			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

Observations were made at the old Cebu Airport at the south corner (Gate 1) of the terminal on the covered concrete porch, below the fire extinguisher, about 1 foot above ground level. A new airport is under construction about 5 miles northeast from this airport. (1)



REFERENCE SOURCE

(1) 02272

GRAVITY BASE STATION

LATITUDE 06° 09.3'S (1)	STATION DESIGNATION DJAKARTA	
LONGITUDE 106° 50.9'E (1)		
ELEVATION 4.9 METERS (1)	COUNTRY/STATE Indonesia/Djakarta	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 2074-1	$g =$ 978 163.42 mgals	
WA 3045		
NHO 0086.00		
	ESTIMATED ACCURACY ± 0.5 mgals	DATE 9/70

DESCRIPTION AND/OR SKETCH

The station is located at Kemajoran Airport, on a porch on the field side of the restaurant, next to a quarter circle bar. (1)

REFERENCE SOURCE

(1) 00916

245

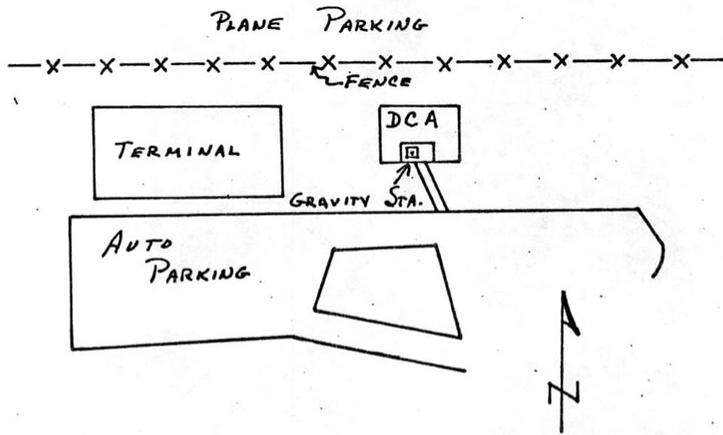
GRAVITY BASE STATION

LATITUDE 04° 13.5'S (1)		STATION DESIGNATION	
LONGITUDE 152° 12' E (1)		RABAU	
ELEVATION 4.27 METERS (1)		COUNTRY/STATE Terr of New Guinea/New Britian	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2176-2		$g =$ 978 163.72 mgals	
		ESTIMATED ACCURACY	DATE
		+ 0.6 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

Station is to the left of main entrance to the Department of Civil Aviation Operations building at Rabaul Airport.

USAMSFE Base Station marker installed. (1)



(1)

REFERENCE SOURCE

(1) Personal Communication US TOPOCOM, 5 Feb 70

446

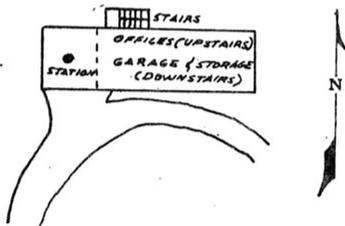
GRAVITY BASE STATION

LATITUDE	09° 28'S	(1)	STATION DESIGNATION	
LONGITUDE	147° 09.5'E	(1)	PORT MORESBY	
ELEVATION	35.2	METERS (1)	COUNTRY/STATE	
			New Guinea/Papua	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2177-3			g = 978 216.03	mgals
IGB 34697B				
NHO 79.00				
			ESTIMATED ACCURACY	DATE
			± 0.6 mgals	MONTH/YEAR
				9/70

DESCRIPTION AND/OR SKETCH

Station is located in the center of the garage floor of the office and laboratory building of the Port Moresby Geophysical Observatory which is located on Lawes Road.

Station is marked by a brass University of Wisconsin gravity station marker set flush with the concrete floor. (1)



REFERENCE SOURCE

(1) 04014

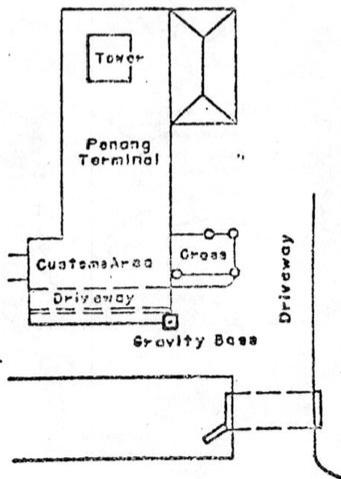
247

GRAVITY BASE STATION

LATITUDE	05° 17'N	(1)	STATION DESIGNATION	
LONGITUDE	100° 16'E	(1)	PENANG	
ELEVATION	3.9	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2199-0			$g = 978\ 091.77$ mgals	
IGB 02650J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				10/69

DESCRIPTION AND/OR SKETCH

Observations were made near Penang at the airport terminal, on the field side. The site is located under the driveway canopy, which is near the customs area, in the southeast corner, and on the .1 meter high concrete platform. (1)



(1)

REFERENCE SOURCE

(1) 01452

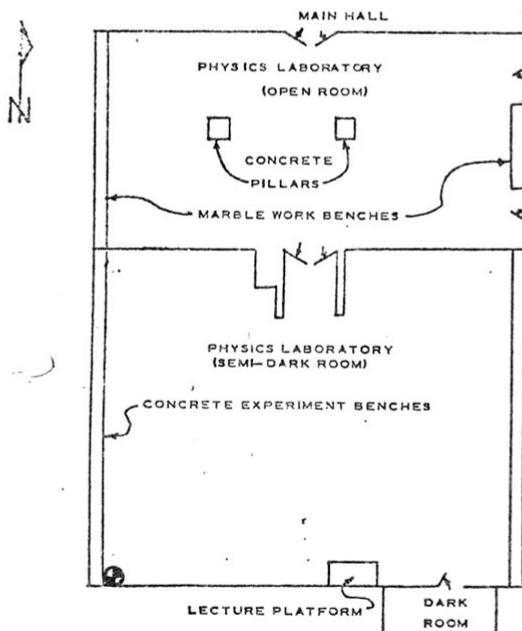
GRAVITY BASE STATION

LATITUDE	03° 06'N (1)	STATION DESIGNATION	
LONGITUDE	101° 43'E (1)	KUALA LUMPUR	
ELEVATION	36.42 METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2200-1		$g = 978\ 048.05$ mgals	
IGB 02631B			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made in Kuala Lumpur at the University of Malaysia physics building.

The site is located in the south room of the third year, semi-dark room, physics laboratory, beneath the concrete experiment bench in the southwest corner, on the concrete floor. (1)



REFERENCE SOURCE

(1) 01452

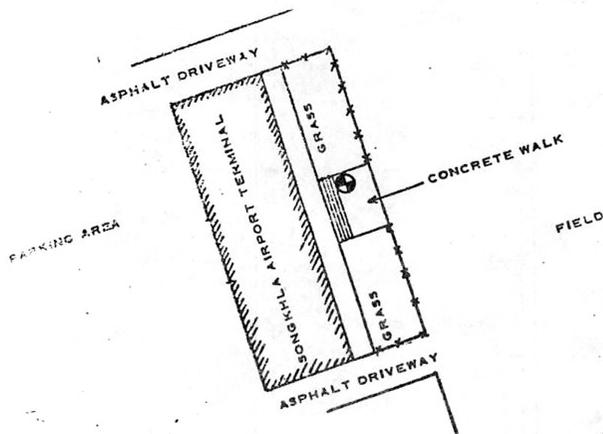
GRAVITY BASE STATION

LATITUDE	07° 11'N (1)	STATION DESIGNATION	
LONGITUDE	100° 37'E (1)	SONGKHLA	
ELEVATION	4 METERS (1)	COUNTRY/STATE	
		Thailand	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2201-0		g = 978 134.79 mgals	
IGB 02670J			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR
			7/70

DESCRIPTION AND/OR SKETCH

Observations were made near Songkhla (also called Singora) at the airport terminal at the field side main (center) entrance.

The site is located at the north end of the steps, on the concrete walk at the foot of the steps. The station is monumented with a brass disk inscribed "Gravity Calibration Base". (1)



(1)

REFERENCE SOURCE

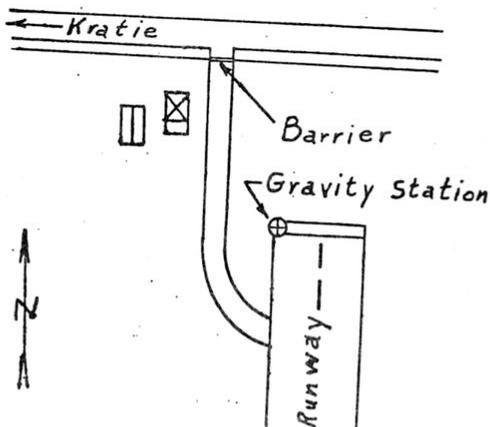
(1) 01452

GRAVITY BASE STATION

LATITUDE	12° 29'N	(1)	STATION DESIGNATION	
LONGITUDE	106° 03'E	(1)	KRATIE	
ELEVATION	24	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2217-1			g = 978 269.42 mgals	
IGB 06226J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at Kratie Airport at ground level, on the west end of the east-west concrete strip which marks the north end of the runway. (1)



(1)

REFERENCE SOURCE

(1) 02278

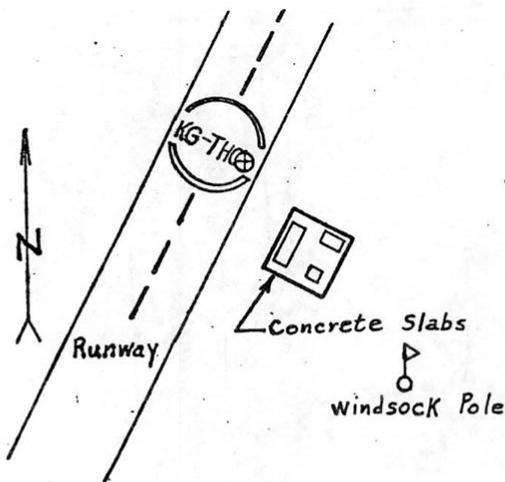
GRAVITY BASE STATION

LATITUDE	12° 47.2'N	(1)	STATION DESIGNATION KOMPONG THOM	
LONGITUDE	104° 51.0'E	(1)		
ELEVATION	12	METERS (1)	COUNTRY/STATE Cambodia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2218-1			$g = 978\ 266.35$ mgals	
IGB 06224K				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the half-length of the airport runway, on the center of the letter "M" of the concrete sign, "KG-THOM", which is at ground level.

(1)



(1)

REFERENCE SOURCE

(1) 02278

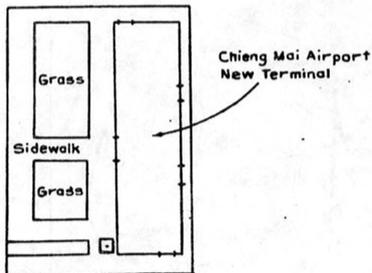
GRAVITY BASE STATION

LATITUDE	18° 46'N	(1)	STATION DESIGNATION	
LONGITUDE	98° 58'E	(1)	CHIANG MAI	
ELEVATION	335.3	METERS (1)	COUNTRY/STATE	
			Thailand	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3492-1			$g =$ 978 450.51	mgals
IGB 06388J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the southwest corner of the Chiang Mai airport (new) terminal, on the concrete sidewalk, 0.3 feet above ground level. (1)

Aircraft Loading & Unloading Zone



(1)

REFERENCE SOURCE

(1) 04002

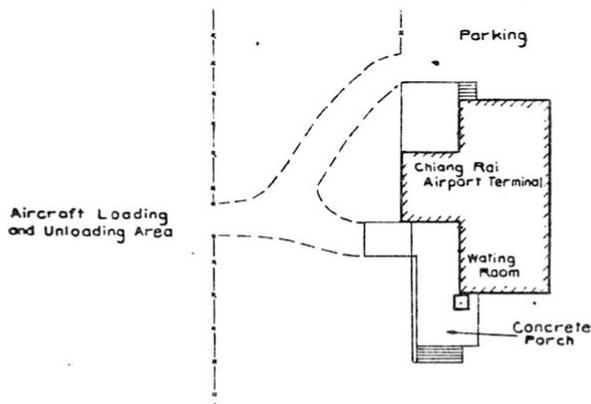
GRAVITY BASE STATION

LATITUDE		19° 53'N	(1)	STATION DESIGNATION	
LONGITUDE		99° 49'E	(1)	CHIANG RAI	
ELEVATION		565.7	METERS (1)	COUNTRY/STATE	
				Thailand	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE	
ACIC 3493-1				$g =$	978 498.56 mgals
IGB 06399J					
				ESTIMATED ACCURACY	DATE
				\pm 0.3 mgals	MONTH/YEAR
					7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the Chiang Rai Airport Terminal, at the southwest corner of the waiting room, on the concrete porch 1.5 feet above ground level.

(1)



(1)

REFERENCE SOURCE

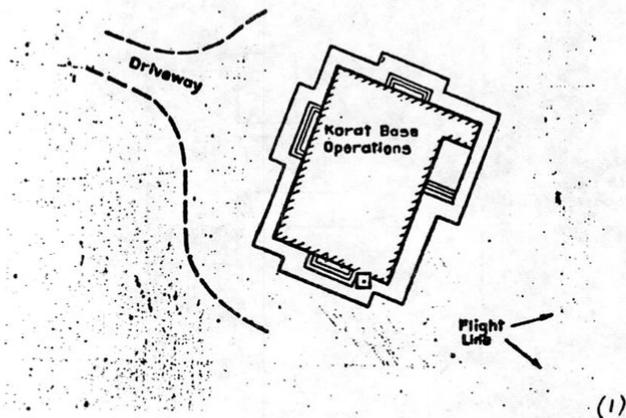
(1) 04002

GRAVITY BASE STATION

LATITUDE	14° 56'N	(1)	STATION DESIGNATION	
LONGITUDE	102° 05'E	(1)	KHORAT	
ELEVATION	182.9	METERS (1)	COUNTRY/STATE	
			Thailand	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3494-1			g = 978 313.26 mgals	
IGB 06242J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the southwest end of the Khorat (Nakhon Ratchasima) base operations building, against the wall at the southeast side of the steps, on the concrete sidewalk at ground level. (1)



REFERENCE SOURCE

(1) 02202

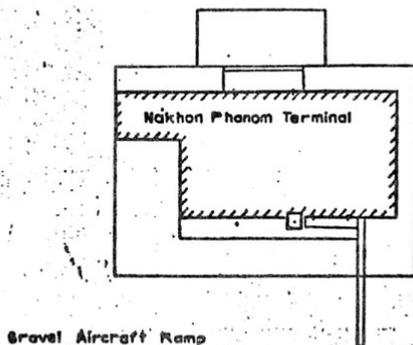
GRAVITY BASE STATION

LATITUDE 17° 25'N (1)	STATION DESIGNATION NAKHON PHANOM	
LONGITUDE 104° 46'E (1)		
ELEVATION 121.9 METERS (1)	COUNTRY/STATE Thailand	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 3495-1	$g = 978\ 417.93$ mgals	
IGB 06274J		
		ESTIMATED ACCURACY
		DATE
+ 0.3 mgals		MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made against the south wall of the airport terminal, at the west side of the entranceway, 0.3 foot above ground level, on the concrete.

(1)



(1)

REFERENCE SOURCE

(1) 02202

257

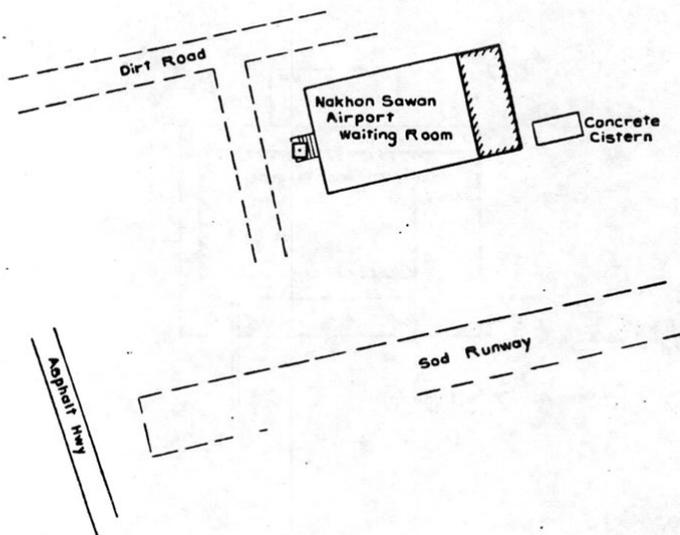
GRAVITY BASE STATION

LATITUDE	15° 40'N	(1)	STATION DESIGNATION	
LONGITUDE	100° 08'E	(1)	NAKHON SAWAN	
ELEVATION	27.7	METERS (1)	COUNTRY/STATE	
			Thailand	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3496-1			g = 978 404.89 mgals	
IGB 06250J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the west end of the wooden Nakhon Sawan waiting room at the airport, at the bottom of the steps, on the concrete at ground level.

(1)



(1)

REFERENCE SOURCE

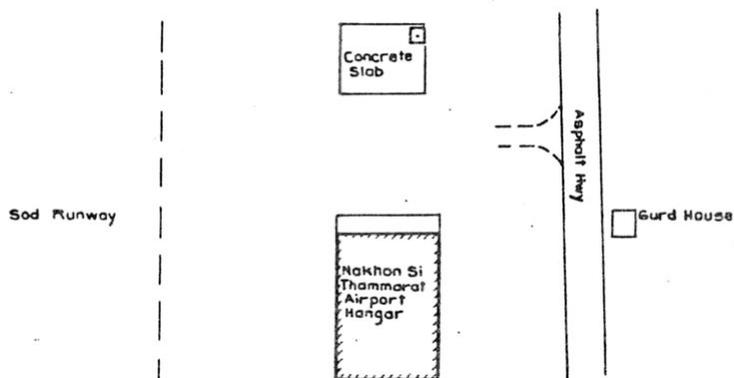
(1) 04002

GRAVITY BASE STATION

LATITUDE		08° 31'N	(1)	STATION DESIGNATION	
LONGITUDE		99° 58'E	(1)	NAKHON SI THAMMARAT	
ELEVATION		4.6	METERS (1)	COUNTRY/STATE	
				Thailand	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE	
ACIC 3497-1				$g = 978\ 158.39$ mgals	
IGB 02789J					
				ESTIMATED ACCURACY	DATE
				± 0.3 mgals	MONTH/YEAR
					7/70

DESCRIPTION AND/OR SKETCH

Observations were made about 150 feet north from the north end of Nakhon Si Thammarat airport hangar and 50 feet west from the west side highway, on the northeast corner of a 30' x 30' concrete slab, at ground level. (1)



(1)

REFERENCE SOURCE

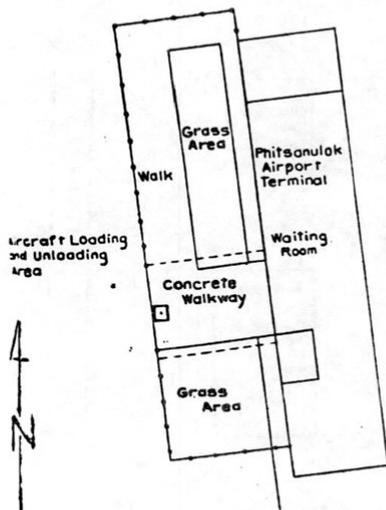
(1) 04002

GRAVITY BASE STATION

LATITUDE	16° 47'N	(1)	STATION DESIGNATION	
LONGITUDE	100° 17'E	(1)	PHITSANULOK	
ELEVATION	45.7	METERS (1)	COUNTRY/STATE	
			Thailand	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3498-1			$g =$	978 448.27 mgals
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the west (field) side of the new Phitsanulok airport terminal building, west from the field side entrance to the waiting room at the intersection of the concrete walkway and the asphalt aircraft loading and unloading zone, under the concrete canopy at the gate to the field, on the concrete sidewalk. (1)



REFERENCE SOURCE

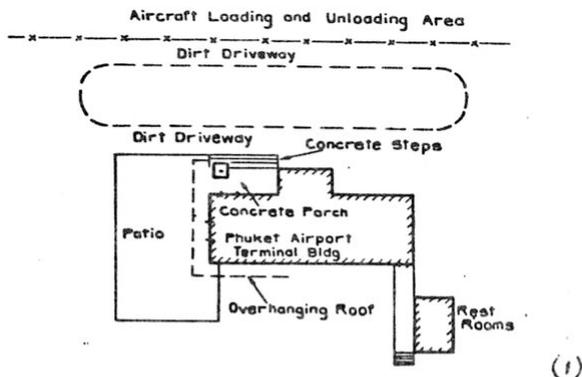
(1) 04002

GRAVITY BASE STATION

LATITUDE		08° 07'N	(1)	STATION DESIGNATION	
LONGITUDE		98° 19'E	(1)		
ELEVATION		1.8	METERS (1)	COUNTRY/STATE	
				Thailand	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 3499-1				g = 978 136.41 mgals	
IGB 02788J					
			ESTIMATED ACCURACY		DATE
			± 0.3 mgals		MONTH/YEAR
					7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the north side of the Phuket airport terminal, on the concrete floor of the porch at the top and west end of the steps, 2.3 feet above ground level. (1)



REFERENCE SOURCE

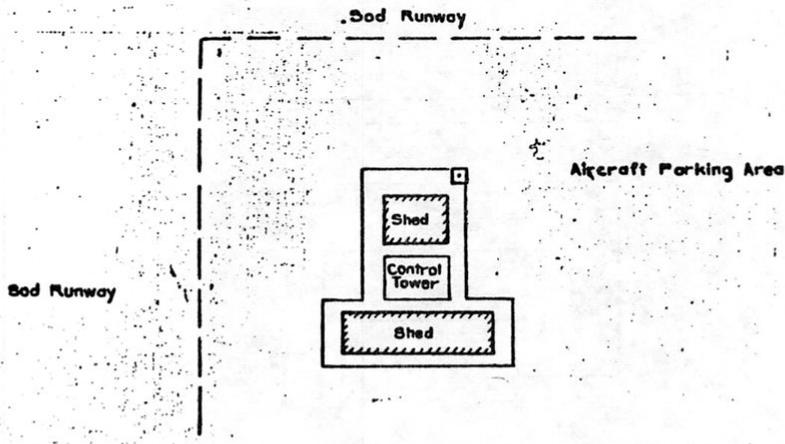
(1) 04002

GRAVITY BASE STATION

LATITUDE		11° 47'N	(1)	STATION DESIGNATION			
LONGITUDE		99° 49'E	(1)	PRACHUAP KHIRI KHAN			
ELEVATION		4.6	(1)	COUNTRY/STATE		Thailand	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE			
ACIC 3500-1				g = 978 256.09		mgals	
IGB 06319J				ESTIMATED ACCURACY		DATE	
				± 0.3	mgals	MONTH/YEAR	
						7/70	

DESCRIPTION AND/OR SKETCH

Observations were made at the Thai Airforce Base, at the northeast corner of the concrete platform which supports the wooden control tower and two sheds, on the concrete 1.0 feet above ground level. (1)



REFERENCE SOURCE

(1) 02202

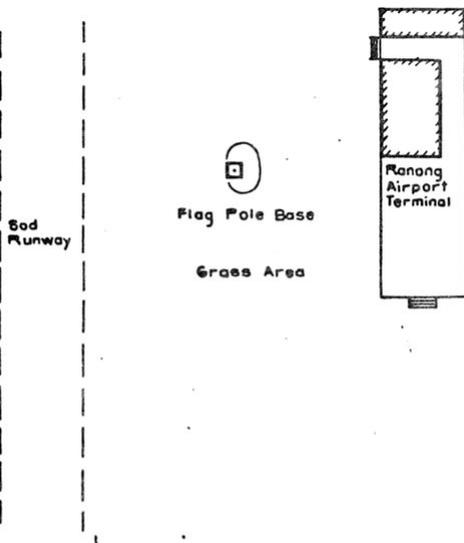
GRAVITY BASE STATION

LATITUDE		09° 53'N (1)	STATION DESIGNATION	
LONGITUDE		98° 37'E (1)	RANONG	
ELEVATION		9.1 METERS (1)	COUNTRY/STATE Thailand	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3501-1			$g = 978\ 170.59$ mgals	
IGB 02798J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made about 30 feet west from the Ranong Airport terminal on the west side of the concrete base of the flag pole, 0.5 foot above ground level.

(1)



REFERENCE SOURCE

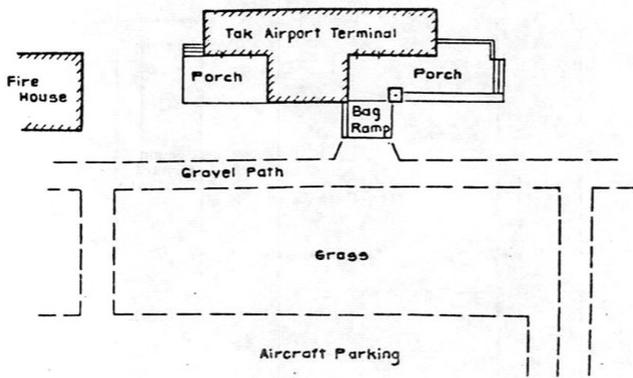
(1) 04002

GRAVITY BASE STATION

LATITUDE	16° 52'N	(1)	STATION DESIGNATION	
LONGITUDE	99° 09'E	(1)	TAK	
ELEVATION	94.5	METERS (1)	COUNTRY/STATE	
			Thailand	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3502-1			$g =$	978 409.13
IGB 06369J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the south (field) side of the Tak airport terminal, on top of the wall at the east side of the baggage ramp, 0.9 foot above the porch floor and 2.4 feet above ground level. (1)



(1)

REFERENCE SOURCE

(1) 04002

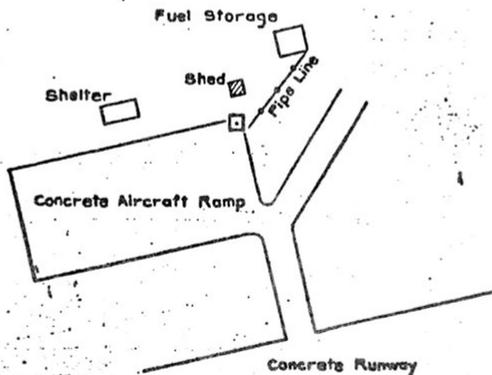
GRAVITY BASE STATION

LATITUDE	15° 15'N	(1)	STATION DESIGNATION	
LONGITUDE	104° 52'E	(1)	UBON	
ELEVATION	94.5	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3503-1			$g = 978\ 336.48$ mgals	
IGB 06254J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the Ubon airport, on the concrete, north corner of the aircraft parking ramp, about 100 feet south from the fuel storage area.

(1)



(1)

REFERENCE SOURCE

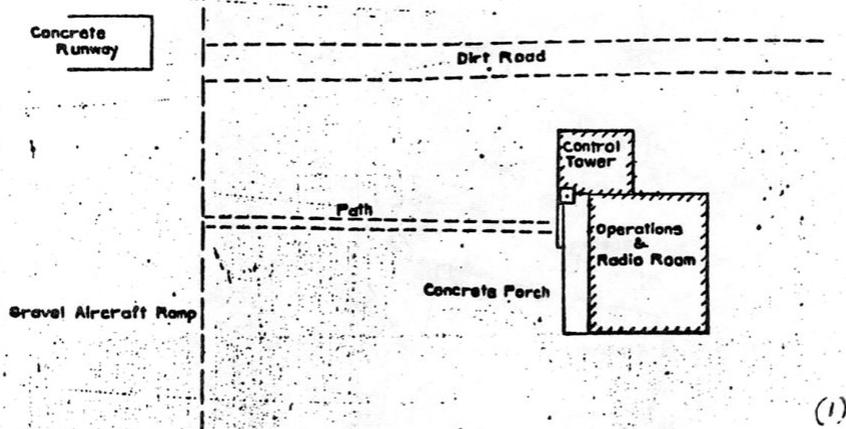
(1) 02202

GRAVITY BASE STATION

LATITUDE	17° 23'N	(1)	STATION DESIGNATION	
LONGITUDE	102° 48'E	(1)	UDON	
ELEVATION	178.3	(1)		
			METERS	
			Thailand	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3504-1			g = 978 429.91 mgals	
IGB 06272J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the south door to the tower on the concrete porch of base operations, 1.2 feet above ground level. (1)



REFERENCE SOURCE

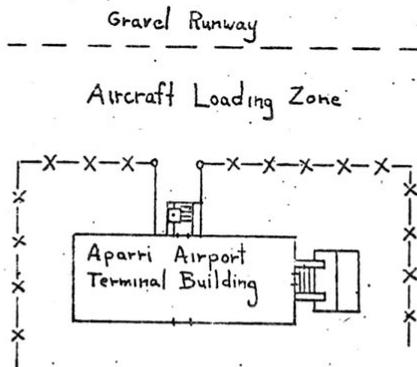
(1) 02202

GRAVITY BASE STATION

LATITUDE 18° 21'N (1)	STATION DESIGNATION	
LONGITUDE 121° 39'E (1)	APARRI	
ELEVATION 3.7 METERS (1)	COUNTRY/STATE Philippines/Luzon Island	
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 3688-1	g = 978 617.23 mgals	
IGB 06081J		
	ESTIMATED ACCURACY	DATE
	± 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made at Aparri Airport terminal, north (runway side) entrance on the concrete walls on each side of the steps, about 2 feet above ground level. (1)



(1)

REFERENCE SOURCE

(1) 02272

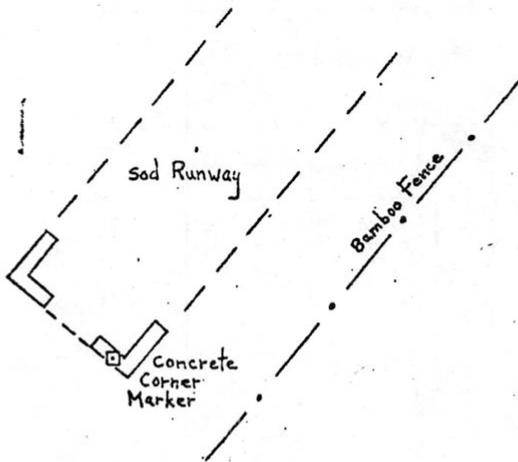
GRAVITY BASE STATION

LATITUDE	15° 44'N	(1)	STATION DESIGNATION	
LONGITUDE	121° 30'E	(1)	BALER	
ELEVATION	9.1	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3689-1			$g = 978\ 490.86$ mgals	
IGB 06051J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the southwest end of the Baler airport runway, at the south corner of the south runway marker, on the concrete at ground level.

(1)



(1)

REFERENCE SOURCE

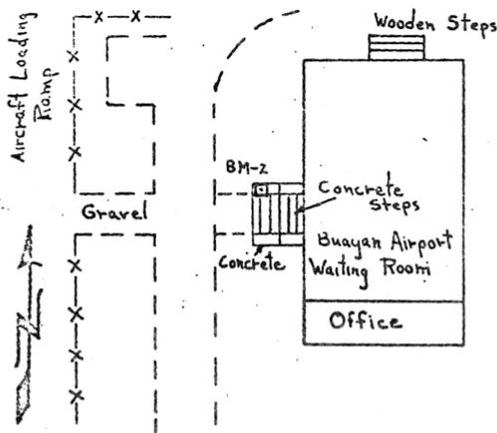
(1) 02272

GRAVITY BASE STATION

LATITUDE	06° 08'N	(1)	STATION DESIGNATION	
LONGITUDE	125° 14'E	(1)	BUAYAN	
ELEVATION	3.0	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3690-1			$g = 978\ 156.60$ mgals	
IGB 02465J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at Buayan Airport, "General Santos" PAL station, at the west side of the building of US Army Corps of Engineers 1952 BM 2 "Buayan Station" located on the lower step of the north abutment of the stairs about 2 feet above ground level. (1)



(1)

REFERENCE SOURCE

(1) 02272

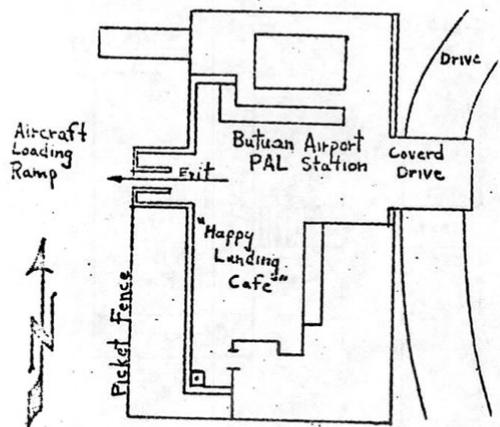
GRAVITY BASE STATION

LATITUDE	08° 58'N	(1)	STATION DESIGNATION	
LONGITUDE	125° 25'E	(1)	BUTUAN	
ELEVATION	199.9	METERS (1)	COUNTRY/STATE	
			Philippines	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3691-1			g = 978 226.74 mgals	
IGB 02485J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the Butuan airport in the PAL station, at the south-southwest corner of the open room, on the concrete floor at ground level.

(1)



(1)

REFERENCE SOURCE

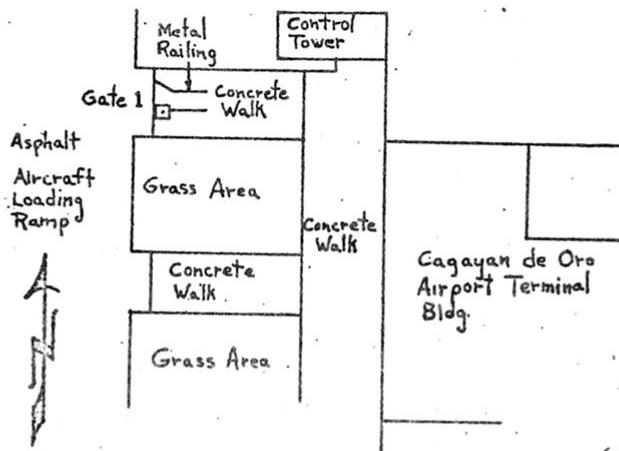
(1) 02272

GRAVITY BASE STATION

LATITUDE	08° 25'N	(1)	STATION DESIGNATION	
LONGITUDE	124° 36'E	(1)	CAGAYAN (CAGAYAN DE ORO AP)	
ELEVATION	185.9	METERS (1)	COUNTRY/STATE Philippines	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3692-1			g = 978 209.83 mgals	
IGB 02484J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made at Cagayan de Oro Airport, about 30 feet west of the tower at the gate 1 barrier to the field, at field level. (1)



(1)

REFERENCE SOURCE

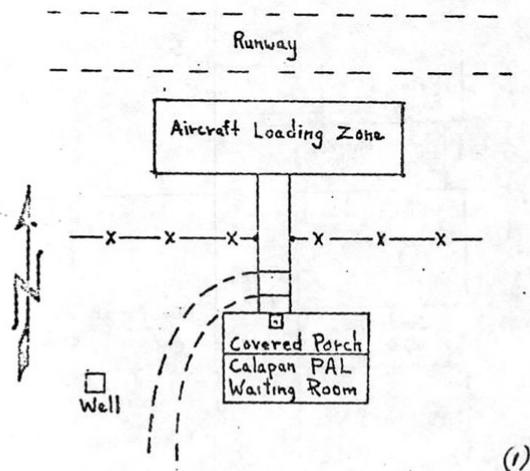
(1) 02272

GRAVITY BASE STATION

LATITUDE	13° 25'N	(1)	STATION DESIGNATION	
LONGITUDE	121° 12'E	(1)	SAN VINCENTE (CALAPAN AP)	
ELEVATION	3.0	METERS (1)		
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3693-1			g = 978 364.20 mgals	
IGB 06021K				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the north side of Calapan Airport Terminal, on the concrete floor of the porch at the top of the steps in the entrance from the field, one foot above ground level. (1)



REFERENCE SOURCE

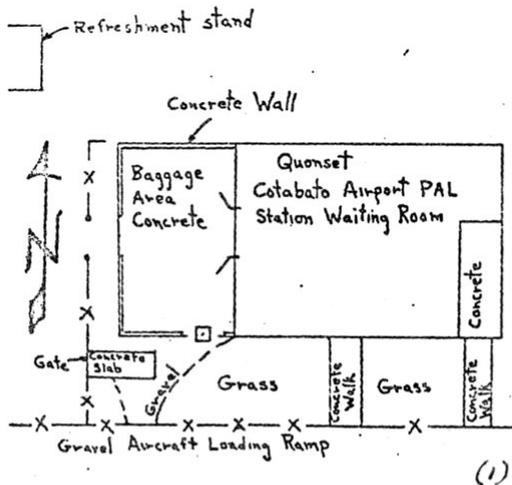
(1) 02272

GRAVITY BASE STATION

LATITUDE	07° 11'N	(1)	STATION DESIGNATION	
LONGITUDE	124° 14'E	(1)	COTABATO	
ELEVATION	61.0	METERS (1)	COUNTRY/STATE	
			Philippines	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3694-1			$g = 978\ 225.74$ mgals	
IGB 02474J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made at Cotabato Airport PAL Station in the south (runway side) entrance to the west room of the building, on the concrete at ground level. (1)



REFERENCE SOURCE

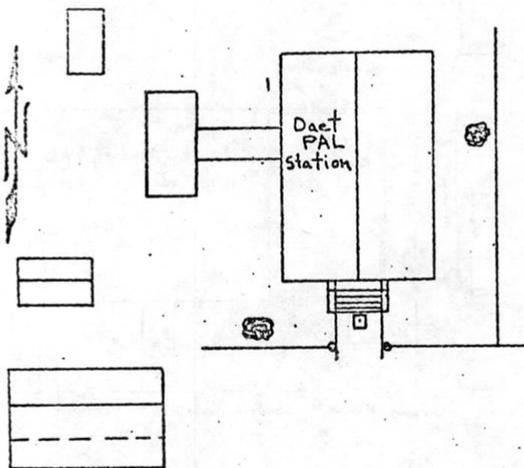
(1) 02272

GRAVITY BASE STATION

LATITUDE	14° 08'N	(1)	STATION DESIGNATION	
LONGITUDE	122° 58'E	(1)	DAET	
ELEVATION	3.0	METERS (1)	COUNTRY/STATE	
			Philippines	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3695-1			g = 978 410.31 mgals	
IGB 06042J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the airport at the south (runway) end of the PAL station building, on the concrete sidewalk at the bottom of the steps, at ground level. (1)



REFERENCE SOURCE

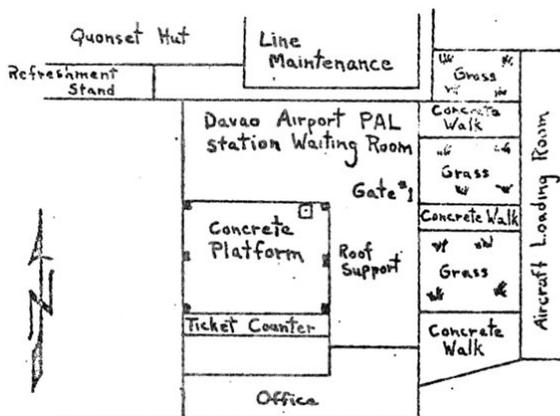
(1) 02272

GRAVITY BASE STATION

LATITUDE		07° 08'N	(1)	STATION DESIGNATION	
LONGITUDE		125° 38'E	(1)	DAVAO	
ELEVATION		23.2	METERS (1)	COUNTRY/STATE	
				Philippines	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 3696-1					
IGB 02475J			g = 978 108.94 mgals		
				ESTIMATED ACCURACY	DATE
				± 0.3 mgals	MONTH/YEAR
				12/69	

DESCRIPTION AND/OR SKETCH

Observations were made in the Davao Airport PAL Station waiting room on the northeast corner of the concrete platform in front (north) of the ticket counter, about 1 foot above the waiting room floor level and 5 feet below the level of the aircraft parking and loading area. (1)



(1)

REFERENCE SOURCE

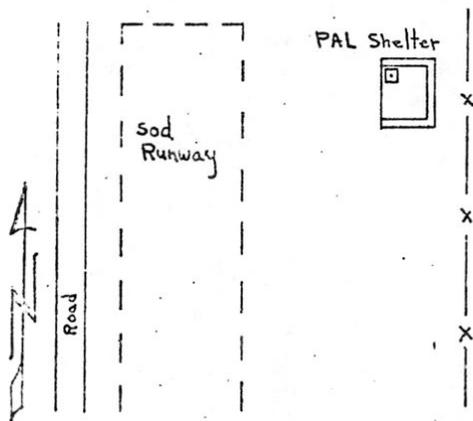
(1) 02272

GRAVITY BASE STATION

LATITUDE 10° 20'N (1)	STATION DESIGNATION		
LONGITUDE 119° 21'E (1)	DEL PILAR		
ELEVATION 15.2 METERS (1)	COUNTRY/STATE Philippines		
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3697-1		$g =$ 978 270.53 mgals	
IGB 02598K			
		ESTIMATED ACCURACY	DATE
		\pm 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made at Del Pilar Airport under the PAL shelter (which is a galvanized corrugated iron roof supported by poles) on the ground at the west end of the north bench. (1)



(1)

REFERENCE SOURCE

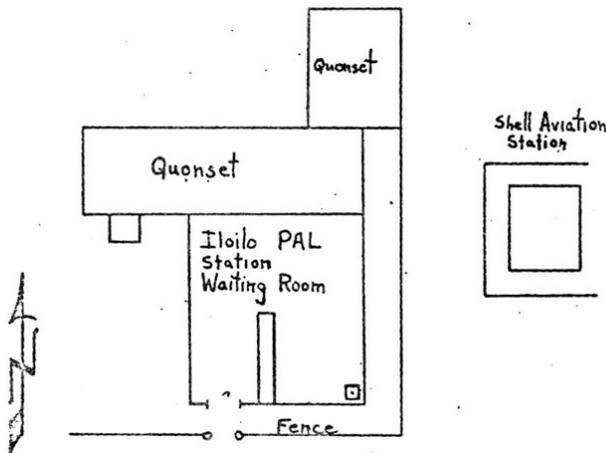
(1) 02272

GRAVITY BASE STATION

LATITUDE	10° 42'N	(1)	STATION DESIGNATION	
LONGITUDE	122° 34'E	(1)	ILOILO	
ELEVATION	5.2	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3698-1			g = 978 250.17 mgals	
IGB 06002J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made in the Philippine Air Line (PAL) Terminal, at the southeast corner of the waiting room, on the concrete floor, about 1 foot above ground level. (1)



(1)

REFERENCE SOURCE

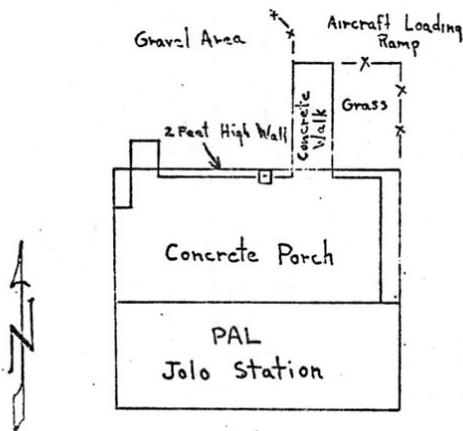
(1) 02272

GRAVITY BASE STATION

LATITUDE	06° 04'N	(1)	STATION DESIGNATION	
LONGITUDE	121° 01'E	(1)	JOLO	
ELEVATION	6.1	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3699-1			$g = 978\ 237.64$ mgals	
IGB 02461J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the north side of PAL Station Jolo at the west side of the entranceway, on top of the 2-foot high wall, below the "J" of Jolo in the PAL station sign. (1)



REFERENCE SOURCE

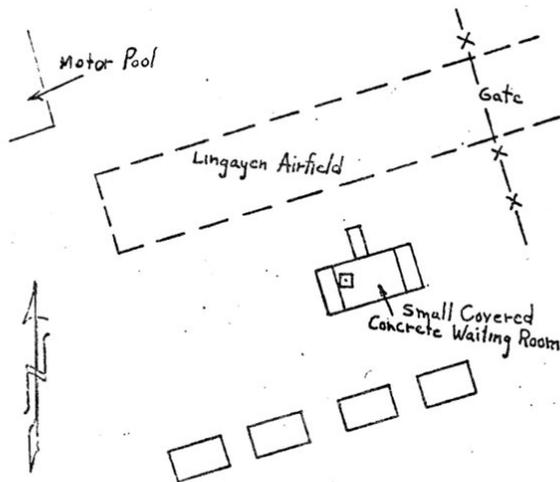
(1) 02272

GRAVITY BASE STATION

LATITUDE	16° 02'N	(1)	STATION DESIGNATION	
LONGITUDE	120° 15'E	(1)	LINGAYAN	
ELEVATION	2.1	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3701-1			g = 978 560.80 mgals	
IGB 06060K				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the Lingayan Airport, about 200 feet east of the west end of the runway and 150 feet south of the south side of the runway in the airport waiting shelter (a 15' x 20' concrete slab with a roof supported by 4 poles), at the center and at the east side of the wooden bench which is located along the west side of the shelter, on the concrete slab. (1)



REFERENCE SOURCE

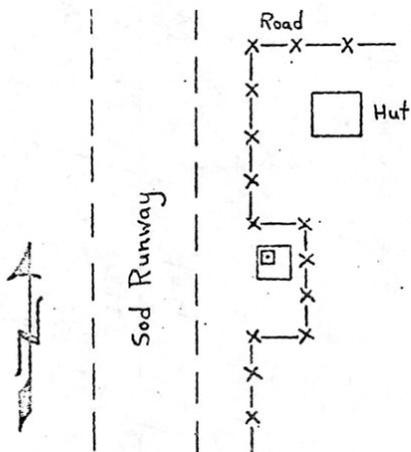
(1) 02272

GRAVITY BASE STATION

LATITUDE	13° 56'N	(1)	STATION DESIGNATION
LONGITUDE	121° 36'E	(1)	LUCENA
ELEVATION	12.2	METERS (1)	COUNTRY/STATE
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE
ACIC 3702-1			$g = 978\ 363.84$ mgals
IGB 06031L			
			ESTIMATED ACCURACY
			DATE
			± 0.3 mgals
			MONTH/YEAR
			7/70

DESCRIPTION AND/OR SKETCH

Observations were made about 150 feet east of the east edge of the Lucena runway, and 150 feet southwest of the house of Mr Delfin Zolata on a 10 x 10 foot concrete foundation. (1)



REFERENCE SOURCE

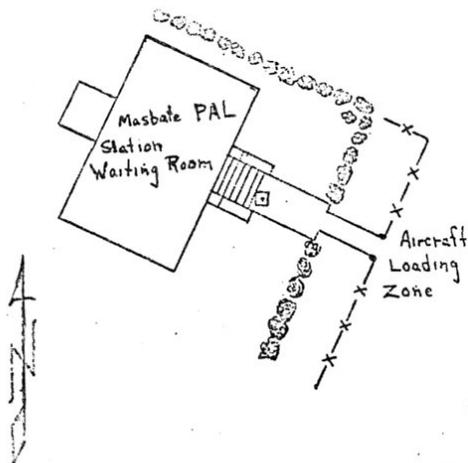
(1) 02272

GRAVITY BASE STATION

LATITUDE	12° 22'N (1)	STATION DESIGNATION		
LONGITUDE	123° 38'E (1)	MASBATE		
ELEVATION	10.4 METERS (1)	COUNTRY/STATE	Philippines	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE		
ACIC 3703-1		g = 978 353.25 mgals		
IGB 06023J				
		ESTIMATED ACCURACY	DATE	
		+ 0.3 mgals	MONTH/YEAR	
			7/70	

DESCRIPTION AND/OR SKETCH

Observations were made at the airport on the southeast (runway) side of the PAL station building, on the sidewalk at the foot of the steps, at ground level. (1)



REFERENCE SOURCE

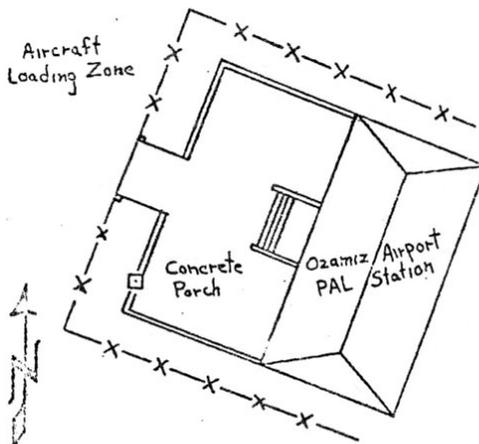
(1) 02272

GRAVITY BASE STATION

LATITUDE	08° 12'N	(1)	STATION DESIGNATION	
LONGITUDE	123° 51'E	(1)	MISAMIS	
ELEVATION	4.9	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3704-1			$g =$	978 222.56
IGB 02483J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the Ozamis Airport PAL station, at the southwest corner of the covered concrete porch, on top of the 2-foot wall, about 3 feet above ground level. (1)



(1)

REFERENCE SOURCE

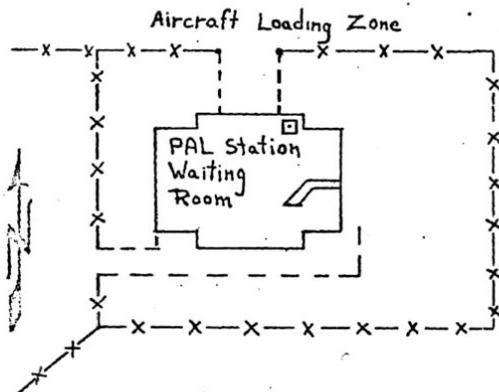
(1) 02272

GRAVITY BASE STATION

LATITUDE 09° 45'N (1)	STATION DESIGNATION	
LONGITUDE 118° 45'E (1)	PUERTO PRINCESA	
ELEVATION 6.1 METERS (1)	COUNTRY/STATE Philippines	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 3705-1	g = 978 236.64 mgals	
IGB 02598J		
		ESTIMATED ACCURACY
		+ 0.3 mgals
		DATE
		MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made at Puerto Princesa Airport at the north entrance to the PAL station in line with the north wall, on the concrete floor, about 0.5 foot above ground level. (1)



(1)

REFERENCE SOURCE

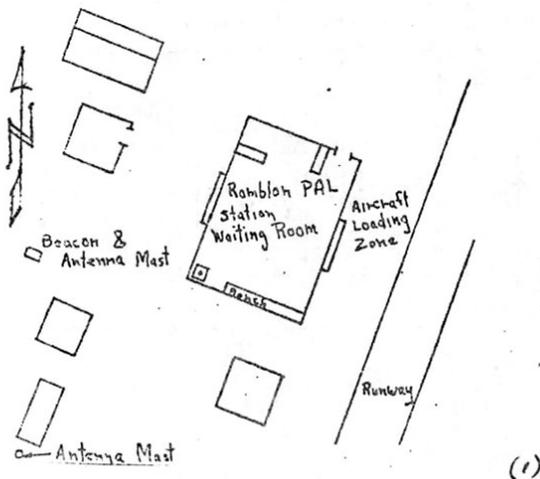
(1) 02272

GRAVITY BASE STATION

LATITUDE	12° 18'N	(1)	STATION DESIGNATION	TUGDAN
LONGITUDE	122° 04'E	(1)		
ELEVATION	3.0	METERS (1)	COUNTRY/STATE	Philippines
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3706-1			$g =$	978 375.32
IGB 06022J				
			ESTIMATED ACCURACY	DATE
			\pm 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made in the airport terminal waiting room, in the southwest corner on the concrete floor, about 1 foot above ground level. (1)



REFERENCE SOURCE

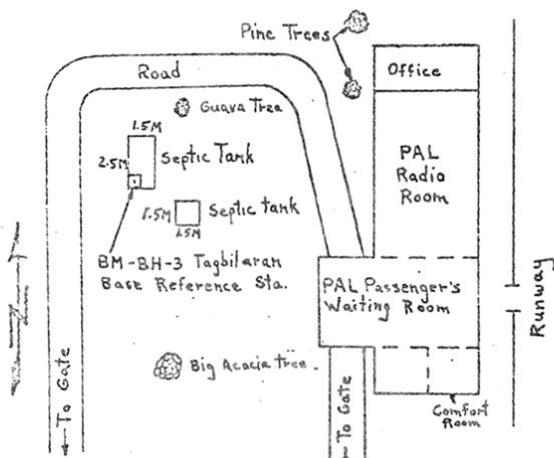
(1) 02272

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
09° 39.98'N (1)		TAGBILARAN	
LONGITUDE		COUNTRY/STATE	
123° 51.12'E (1)		Philippines	
ELEVATION		ADOPTED GRAVITY VALUE	
6.78 METERS (1)		$g = 978\ 260.38$ mgals	
REFERENCE CODE NUMBERS		ESTIMATED ACCURACY	
ACIC 3707-1		± 0.3 mgals	
		DATE	
		MONTH/YEAR	
		12/69	

DESCRIPTION AND/OR SKETCH

Observations were made at the Philippine Air Lines Terminal in Tagbilaran. Station is at the base of a septic tank located west of the administration building and marked by a 3/4-inch brass rod embedded at the southwest corner of the base of the bigger septic tank with inscription "BM BH-3, 1956". (1)



REFERENCE SOURCE

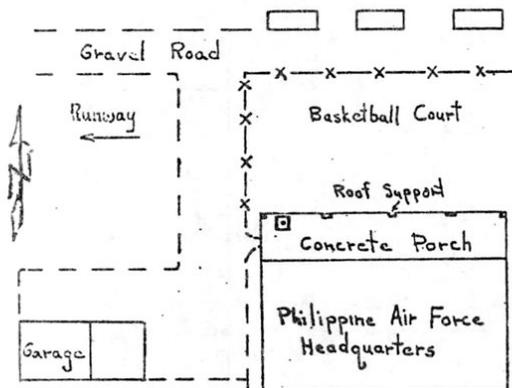
(1) 02272

GRAVITY BASE STATION

LATITUDE	05° 04'N	(1)	STATION DESIGNATION	
LONGITUDE	119° 45'E	(1)	MALASA	
ELEVATION	4.6	METERS (1)	COUNTRY/STATE Philippines	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3708-1			g = 978 182.84 mgals	
IGB 02559J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 12/69

DESCRIPTION AND/OR SKETCH

Observations were made about 1000 feet east of the airfield at the Headquarters building of the Philippine Air Force detachment "Sanga Sanga" at the northwest corner of the porch, on the concrete 0.5 foot above ground level. (1)



(1)

REFERENCE SOURCE

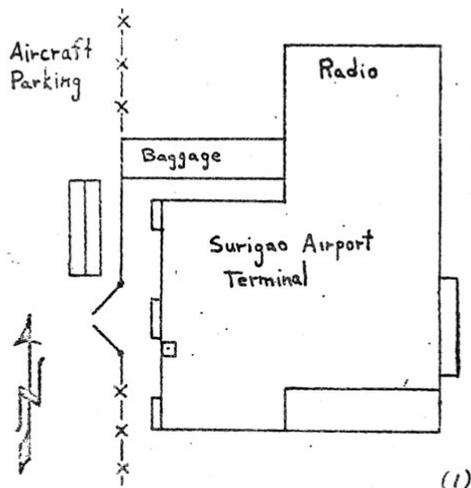
(1) 02272

GRAVITY BASE STATION

LATITUDE		09° 45'N	(1)	STATION DESIGNATION	
LONGITUDE		125° 29'E	(1)	SURIGAO	
ELEVATION		6.1	METERS (1)	COUNTRY/STATE	
				Philippines	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 3709-1			$g = 978\ 323.54$ mgals		
IGB 02495J					
			ESTIMATED ACCURACY		DATE
			± 0.3 mgals		MONTH/YEAR
					7/70

DESCRIPTION AND/OR SKETCH

Observations were made in the Surigao Airport Terminal at the east side of the waiting room, by the planter on the concrete floor about 1 foot above ground level. (1)



REFERENCE SOURCE

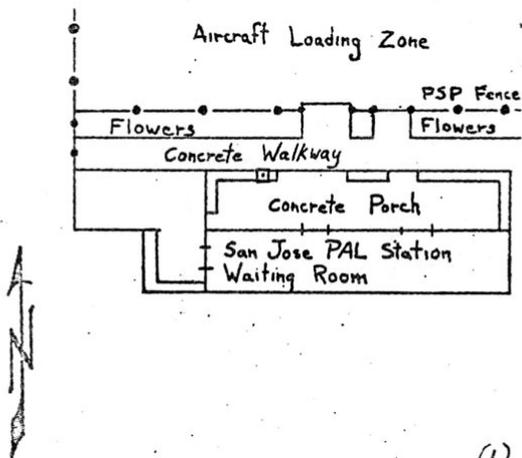
(1) 02272

GRAVITY BASE STATION

LATITUDE	12° 22'N	(1)	STATION DESIGNATION	
LONGITUDE	121° 02'E	(1)	SAN JOSE	
ELEVATION	3.4	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3710-1			$g = 978\ 321.35$ mgals	
IGB 06021J				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the San Jose Airport, at the north side of the PAL station, at the west side of the west front entrance, on top of the 2 foot high wall at about runway level. (1)



REFERENCE SOURCE

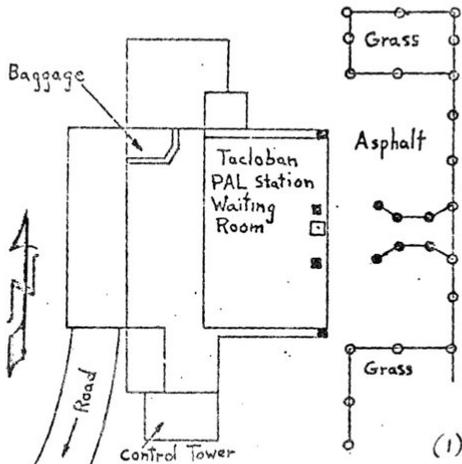
(1) 02272

GRAVITY BASE STATION

LATITUDE 11° 13'N (1)	STATION DESIGNATION TACLOBAN	
LONGITUDE 125° 02'E (1)		
ELEVATION 1.8 METERS (1)	COUNTRY/STATE Philippines	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 3711-1		$g =$ 978 338.41 mgals
IGB 06015K		
	ESTIMATED ACCURACY	DATE
	\pm 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made at Tacloban Airport at the east side of the PAL station waiting room, by the north column of two on the concrete floor about 0.5 foot above ground level. (1)



REFERENCE SOURCE

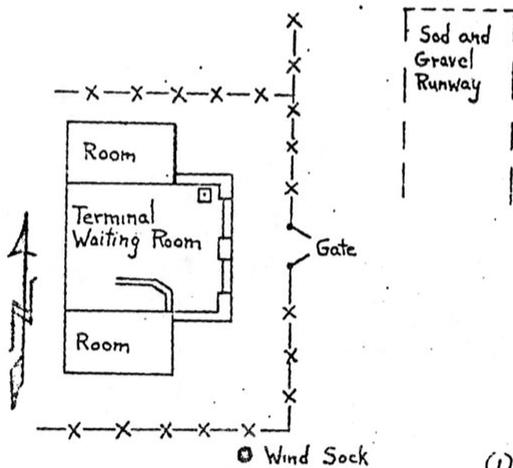
(1) 02272

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
17° 33'N	(1)	VIGAN	
LONGITUDE			
120° 22'E	(1)	COUNTRY/STATE	
ELEVATION		Philippines	
4.0	METERS (1)	ADOPTED GRAVITY VALUE	
REFERENCE CODE NUMBERS		g = 978 554.04 mgals	
ACIC 3713-1			
IGB 06070J		ESTIMATED ACCURACY	
		+ 0.3 mgals	DATE
			MONTH/YEAR
			7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the Vigan Airport, in the northeast corner of the waiting room of the small wooden terminal, on the concrete floor. (1)



REFERENCE SOURCE

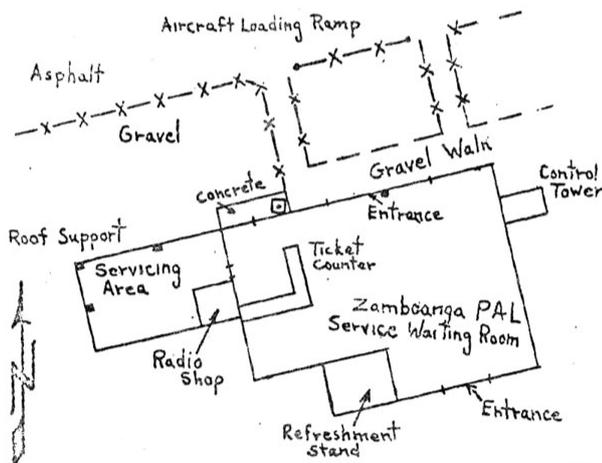
(1) 02272

GRAVITY BASE STATION

LATITUDE	06° 56'N	(1)	STATION DESIGNATION	
LONGITUDE	122° 03'E	(1)	ZAMBOANGA	
ELEVATION	5.2	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3714-1			$g = 978\ 240.75$ mgals	
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made against the north wall of the Zamboanga PAL station, east of the entrance to the area bounded on two sides by the ticket counter and baggage scales, under the "Philippine Airlines Zamboanga Station" sign, on the concrete about 0.5 foot above ground level. (1)



(1)

REFERENCE SOURCE

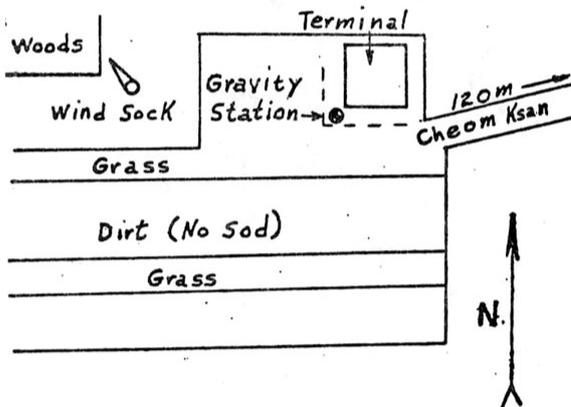
(1) 02272

GRAVITY BASE STATION

LATITUDE 14° 12.8'N (1)		STATION DESIGNATION CHEOM KSAN	
LONGITUDE 104° 55.4'E (1)		COUNTRY/STATE Cambodia	
ELEVATION METERS		ADOPTED GRAVITY VALUE	
ACIC 3717-1		g = 978 314.78 mgals	
REFERENCE CODE NUMBERS		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 12/69

DESCRIPTION AND/OR SKETCH

Observations were made at the southwest corner of the Cheom Ksan Airport terminal building, 1.2 meters south of the southwest corner. (1)



(1)

REFERENCE SOURCE

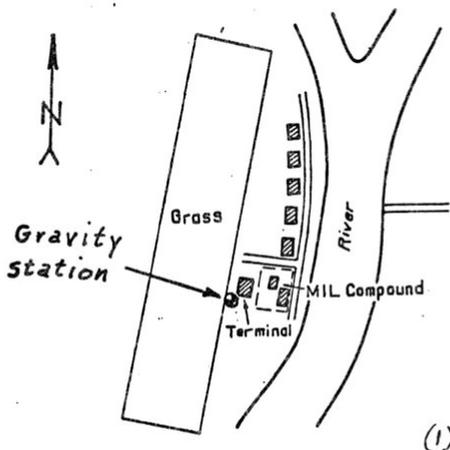
(1) 02278

GRAVITY BASE STATION

LATITUDE	13° 58.3'N	(1)	STATION DESIGNATION	
LONGITUDE	106° 48.6'E	(1)	VOEUNE SAI	
ELEVATION	METERS		COUNTRY/STATE	
			Cambodia	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3718-1			g = 978 307.76 mgals	
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				12/69

DESCRIPTION AND/OR SKETCH

Observations were made 1 meter from the southwest corner of a hut used for the terminal. Voene Sai Airport is a military field. (1)



REFERENCE SOURCE

(1) 02278

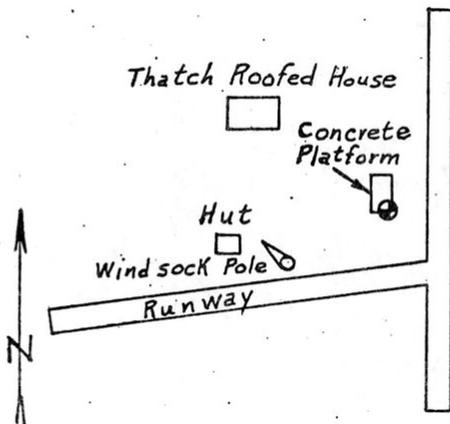
243

GRAVITY BASE STATION

LATITUDE 13° 32.8'N (1)	STATION DESIGNATION		
LONGITUDE 106° 01.4'E (1)	STUNG TRENG		
ELEVATION 49 METERS (1)	COUNTRY/STATE Cambodia		
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACTC 3719-1		g = 978 311.80	mgals
TGB 06236J			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made at Stung Treng Airport about 300 feet northwest of the intersection of the two runways and 300 feet east-northeast from the windsock pole, at the southeast corner of a 15 x 50 feet concrete platform 0.4 foot above the ground. (1)



(1)

REFERENCE SOURCE

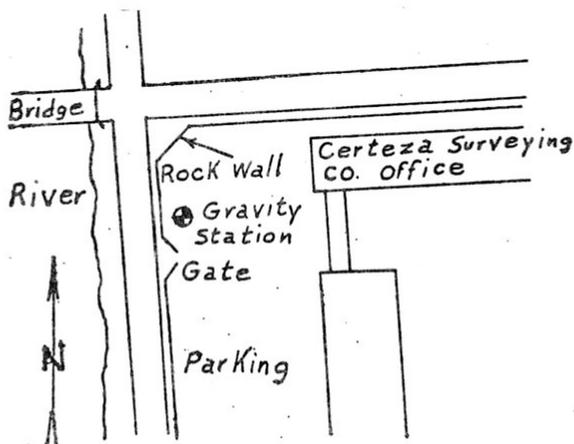
(1) 02278

GRAVITY BASE STATION

LATITUDE	10° 36.5'N (1)	STATION DESIGNATION	
LONGITUDE	104° 11.0'E (1)	KAMPOT	
ELEVATION	2.1 METERS (1)	COUNTRY/STATE Cambodia	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3720-1		g = 978 196.71 mgals	
IGB 06204B			
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made by the north gate to the government Bungalow yard, on top of the Certeza Surveying Company's tape standardization monument, 3.0 feet above ground level, and 0.64 meter below BM H-48(SGK) which is on the bridge abutment. (1)



(1)

REFERENCE SOURCE

245
(1) 02278

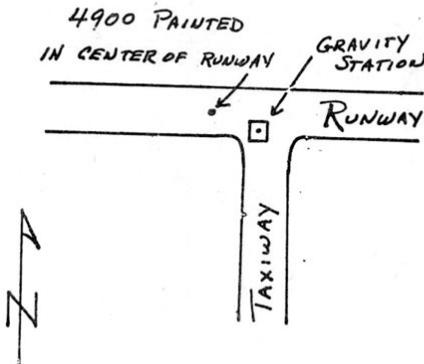
GRAVITY BASE STATION

LATITUDE	02° 03.5'S	(1)	STATION DESIGNATION	
LONGITUDE	147° 25.6'E	(1)	MOMOTE	
ELEVATION	3.66	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3790-1			$g =$	978 143.12
WA 3080				
			ESTIMATED ACCURACY	DATE
			± 0.5 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

Station is at intersection of runway and taxiway on edge of runway near "4900" painted in center of runway. USAMSFE Gravity Base Station Marker installed.

(1)



(1)

REFERENCE SOURCE

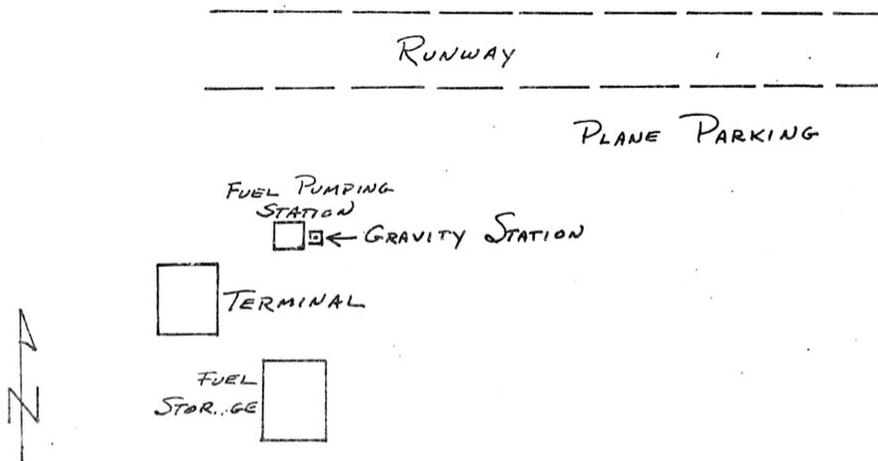
(1) Personal Communication US TOPOCOM 5 Feb 70

GRAVITY BASE STATION

LATITUDE	02° 34'S	(1)	STATION DESIGNATION	
LONGITUDE	150° 49'E	(1)	KAVIENG	
ELEVATION	3.35	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3791-1			g = 978 165.82 mgals	
WA 3081				
			ESTIMATED ACCURACY	DATE
			± 0.5 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

Station is at front center of fuel pumping station at airport. USAMSF E Gravity Base Station marker installed. (1)



(1)

REFERENCE SOURCE

297 (1) Personal Communication US TOPOCOM 5 Feb 70

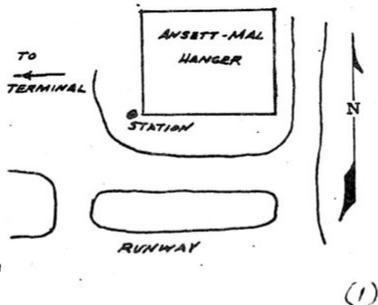
GRAVITY BASE STATION

LATITUDE 03° 35'S (1)	STATION DESIGNATION WEWAK	
LONGITUDE 143° 40'E (1)		
ELEVATION 4.9 METERS (1)	COUNTRY/STATE New Guinea/Northeast New Guinea	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 3792-1	g = 978 095.32 mgals	
WA 3082		
		ESTIMATED ACCURACY
		DATE
± 0.5 mgals		MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Station is located at southwest corner of Ansett-MAL hanger. Station is marked by a bolt 1/4 inch diameter. Wewak Airport is also known as Boram Airdrome.

(1)



(1)

REFERENCE SOURCE

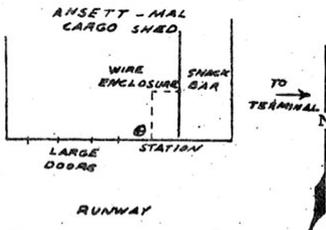
(1) 04014

GRAVITY BASE STATION

LATITUDE	05° 13'S	(1)	STATION DESIGNATION	
LONGITUDE	145° 47'E	(1)		
ELEVATION	3.6	METERS (1)	COUNTRY/STATE	
			New Guinea/Northeast New Guinea	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3793-1			$g = 977\ 968.76$ mgals	
			ESTIMATED ACCURACY	DATE
			+ 0.6 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

Station is located inside of southern doors leading from runway into Ansett-MAL Cargo Shed. (1)



(1)

REFERENCE SOURCE

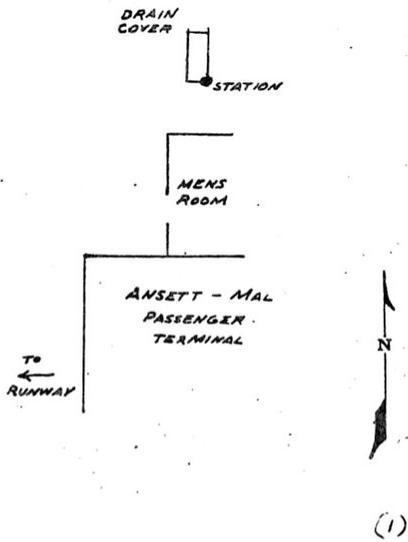
(1) 04014

GRAVITY BASE STATION

LATITUDE	06° 04'S	(1)	STATION DESIGNATION
LONGITUDE	145° 23'E	(1)	GOROKA
ELEVATION	1566.7	METERS (1)	COUNTRY/STATE
			New Guinea/Northeast New Guinea
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3795-1		g = 977 698.42 mgals	
WA 3077			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR
			2/70

DESCRIPTION AND/OR SKETCH

Station is located on 2 ft x 2 ft concrete drain cover at outside corner of men's room beneath "GENTS" sign at the Ansett-MAL passenger terminal. Concrete drain cover protrudes approximately 8 inches above ground level. (1)



REFERENCE SOURCE

(1) 04014

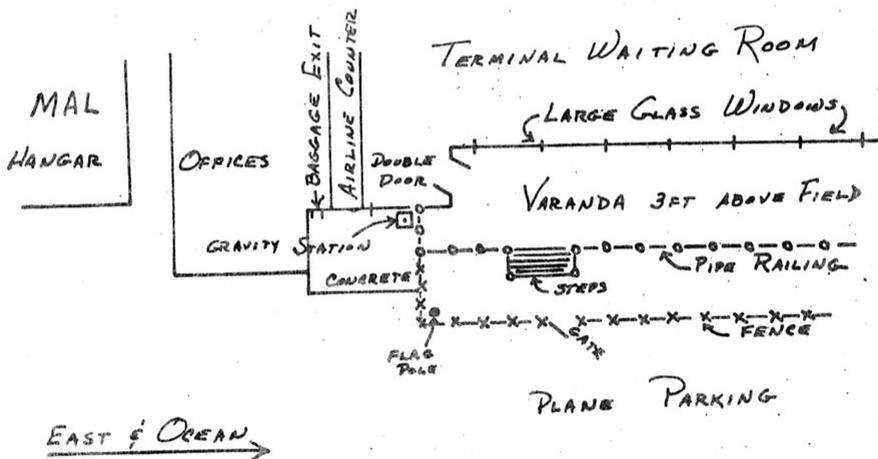
GRAVITY BASE STATION

LATITUDE 06° 44'S (1)	STATION DESIGNATION LAE	
LONGITUDE 147° 00'E (1)	COUNTRY/STATE New Guinea/Northeast New Guinea	
ELEVATION 7.6 METERS (1)	ADOPTED GRAVITY VALUE g = 978 009.86 mgals	
REFERENCE CODE NUMBERS ACIC 3797-1	ESTIMATED ACCURACY ± 0.6 mgals	DATE MONTH/YEAR 2/70

DESCRIPTION AND/OR SKETCH

Station is at field level at west end of concrete veranda on field side of terminal.

USAMSFE Gravity Base Station marker installed. (1)



(1)

REFERENCE SOURCE

(1) Personal Communication US TOPOCOM 5 Feb 70

GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">05° 54.1'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">SANDANKAN</div>	
LONGITUDE <div style="text-align: center;">118° 04.0'E (1)</div>		
ELEVATION <div style="text-align: center;">11.5 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">Federation of Malaysia/Sabah</div>	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4120-1		g = 978 090.42 mgals
WA 2056		
		ESTIMATED ACCURACY
		DATE
	+ 0.5 mgals	MONTH/YEAR
		12/70

DESCRIPTION AND/OR SKETCH

Site is located at the Sandankan Air Terminal, at the base of the washbowl in "Gentlemen's Lavatory". (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		01° 29.0'N	(1)	STATION DESIGNATION	
LONGITUDE		110° 20.5'E	(1)	KUCHING	
ELEVATION		24.4	METERS (1)	COUNTRY/STATE	
				Federation of Malaysia/Sarawak	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4121-1			g = 978 075.32 mgals		
WA 2065					
			ESTIMATED ACCURACY		DATE
			± 0.5 mgals		MONTH/YEAR
					12/70

DESCRIPTION AND/OR SKETCH

At Kuching Airport air terminal immediately inside folding door to "Immigration" waiting room. (1)

REFERENCE SOURCE

203
(1) 00916

GRAVITY BASE STATION

LATITUDE		01° 11.4'S	(1)	STATION DESIGNATION	
LONGITUDE		136° 06.4'E	(1)	BIAK ISLAND	
ELEVATION		11.4	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE			
ACIC 4334-1		g = 978 122.72 mgals			
WA 3098					
		ESTIMATED ACCURACY		DATE	
		± 0.5 mgals		MONTH/YEAR	
				7/71	

DESCRIPTION AND/OR SKETCH

Mokmer Airport, beneath carport at entrance to terminal, at top of steps. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		02° 33.7'S	(1)	STATION DESIGNATION	
LONGITUDE		140° 28.9'E	(1)	HOLLANDIA (SUKARNAPURA)	
ELEVATION		96.0	METERS (1)	COUNTRY/STATE	
				West Irian	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4335-1			g = 978 171.12 mgals		
WA 3097					
			ESTIMATED ACCURACY		DATE
			± 0.5 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Hollandia Airport, astro station XI, at concrete pillar south of the building on the north side of the runway. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE 00° 53.3'S (1)		STATION DESIGNATION	
LONGITUDE 134° 03.2'E (1)		MANOKWARI	
ELEVATION 3.0 METERS (1)		COUNTRY/STATE West Irian	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4336-1		g = 978 085.92 mgals	
WA 3099			
		ESTIMATED ACCURACY	DATE
		+ 0.5 mgals	MONTH/YEAR 7/71

DESCRIPTION AND/OR SKETCH

Airport, in front of the control tower.

(1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		00° 57.1'S	(1)	STATION DESIGNATION	
LONGITUDE		134° 48.4'E	(1)	NOEMFOOR ISLAND	
ELEVATION		4.0	METERS (1)	COUNTRY/STATE	
				West Irian	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE	
ACIC 4337-1				g = 978 139.92 mgals	
WA 3068					
				ESTIMATED ACCURACY	DATE
				± 0.5 mgals	MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Kamiri Airstrip, at hut at the southwest corner of strip by red painted marker in northeast corner of hut. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION		
LONGITUDE	SORONG		
ELEVATION	12.5	METERS (1)	COUNTRY/STATE
			West Irian
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4338-1		$g =$	978 139.12
WA 3101			mgals
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR
			7/71

DESCRIPTION AND/OR SKETCH

Ramoe Heliport, at back door between tracks.

(1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE	01° 52.4'S	(1)	STATION DESIGNATION	
LONGITUDE	138° 45.3'E	(1)	SARMI	
ELEVATION	0.9	METERS (1)	COUNTRY/STATE	
			West Irian	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4339-1			g = 978 145.12 mgals	
WA 3096				
			ESTIMATED ACCURACY	DATE
			+ 0.5 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Sarmi Airport. At astro station XXXIII, between terminal building and tarmac.

(1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		02° 40.3'S	(1)	STATION DESIGNATION	
LONGITUDE		141° 18.2'E	(1)	VANIMO	
ELEVATION		1.9	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		Territory of New Guinea			
ACIC 4340-1		ADOPTED GRAVITY VALUE			
WA 3086		g =		978 198.72	mgals
		ESTIMATED ACCURACY		DATE	
		± 0.5 mgals		MONTH/YEAR	
				7/71	

DESCRIPTION AND/OR SKETCH

Vanimo Airport; about 20 ft west of survey datum point by tennis courts, across creek and north of the airstrip. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		03° 08.0'S	(1)	STATION DESIGNATION	
LONGITUDE		142° 20.7'E	(1)	AITAPE	
ELEVATION		3.0	METERS (1)	COUNTRY/STATE	
				Territory of New Guinea	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4341-1				g = 978 169.72 mgals	
WA 3084					
			ESTIMATED ACCURACY		DATE
			± 0.5 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Airport at Aitape; about 50 ft beyond north end of strip in center of overrun. (1)

REFERENCE SOURCE

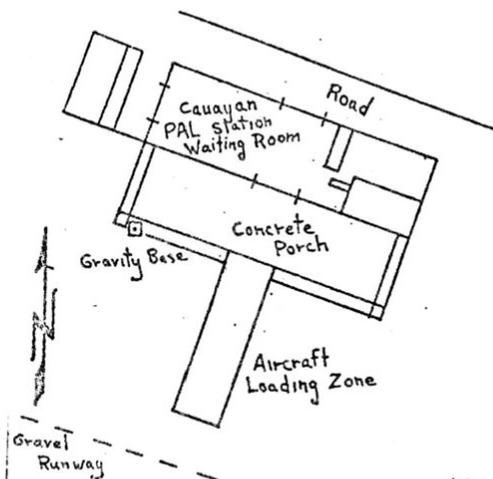
(1) 00916

GRAVITY BASE STATION

LATITUDE	16° 56'N	(1)	STATION DESIGNATION
LONGITUDE	121° 45'E	(1)	NAGUILIAN (CAUAYAN AP)
ELEVATION	61.0	METERS (1)	COUNTRY/STATE
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE
ACIC 4342-1			$g = 978\ 472.63$ mgals
IGB 06061J			
			ESTIMATED ACCURACY
			+ 0.3 mgals
			DATE
			MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the Cauayan Airport, on the concrete wall at the southwest corner of the porch of the PAL station, against the corner column 1.5 feet above the floor. (1)



(1)

REFERENCE SOURCE

(1) 02272

GRAVITY BASE STATION

LATITUDE		12° 13.9'N	(1)	STATION DESIGNATION	
LONGITUDE		109° 11.5'E	(1)	NHA TRANG	
ELEVATION		3.0	METERS (1)	COUNTRY/STATE	
				South Vietnam	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4389-1				g = 978 261.42 mgals	
WA 2080					
				ESTIMATED ACCURACY	
				DATE	
				MONTH/YEAR	
				+ 0.5 mgals	
				7/71	

DESCRIPTION AND/OR SKETCH

Nha Trang Airport, on porch of terminal building, field side, just outside "Meteorologie" door, two feet above field level. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		16° 23.2'N	(1)	STATION DESIGNATION	
LONGITUDE		107° 43.0'E	(1)	HUE	
ELEVATION		14.9	METERS (1)	COUNTRY/STATE	
				South Vietnam	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4390-1			g = 978 435.73 mgals		
WA 2079					
			ESTIMATED ACCURACY		DATE
			± 0.5 mgals		MONTH/YEAR
					7/71

DESCRIPTION AND/OR SKETCH

Heu Airport, on flight strip nearest control tower, at center of strip on concrete walk. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE	21° 02.0'N	(1)	STATION DESIGNATION	
LONGITUDE	105° 53.0'E	(1)	HANOI	
ELEVATION	3.0	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4391-1			g = 978 687.83 mgals	
WA 2078				
			ESTIMATED ACCURACY	DATE
			+ 0.5 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Hanoi Airport, just inside terminal field side, next to "Arrivee" counter in rotunda, two feet above field level. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		02° 18.0'N	(1)	STATION DESIGNATION	
LONGITUDE		111° 49.9'E	(1)	SIBU	
ELEVATION		5.5	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE			
ACIC 4392-1		g = 978 078.02 mgals			
WA 2066					
		ESTIMATED ACCURACY		DATE	
		± 0.5 mgals		MONTH/YEAR	
				7/71	

DESCRIPTION AND/OR SKETCH

Sibu Airport, control tower building, at outside door to building, near step to tower on building apron. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE		05° 18.2'N	(1)	STATION DESIGNATION	
LONGITUDE		115° 15.2'E	(1)	LABUAN ISLAND	
ELEVATION		29.9	METERS (1)	COUNTRY/STATE	
				Federation of Malaysia/Sabah	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4393-1				g = 978 095.02 mgals	
WA 2055					
				ESTIMATED ACCURACY	
				DATE	
				MONTH/YEAR	
		± 0.5 mgals		7/71	

DESCRIPTION AND/OR SKETCH

International Airport, to right of steps leading to customs and immigration from field, 6 inches below field level. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE	05° 57.0'N	(1)	STATION DESIGNATION	
LONGITUDE	116° 03.5'E	(1)	JESSELTON	
ELEVATION	2.1	METERS (1)	COUNTRY/STATE Federation of Malaysia/Sabah	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE		
ACIC 4394-1			g = 978 126.92 mgals	
WA 2054				
			ESTIMATED ACCURACY	DATE
			+ 0.5 mgals	MONTH/YEAR 7/71

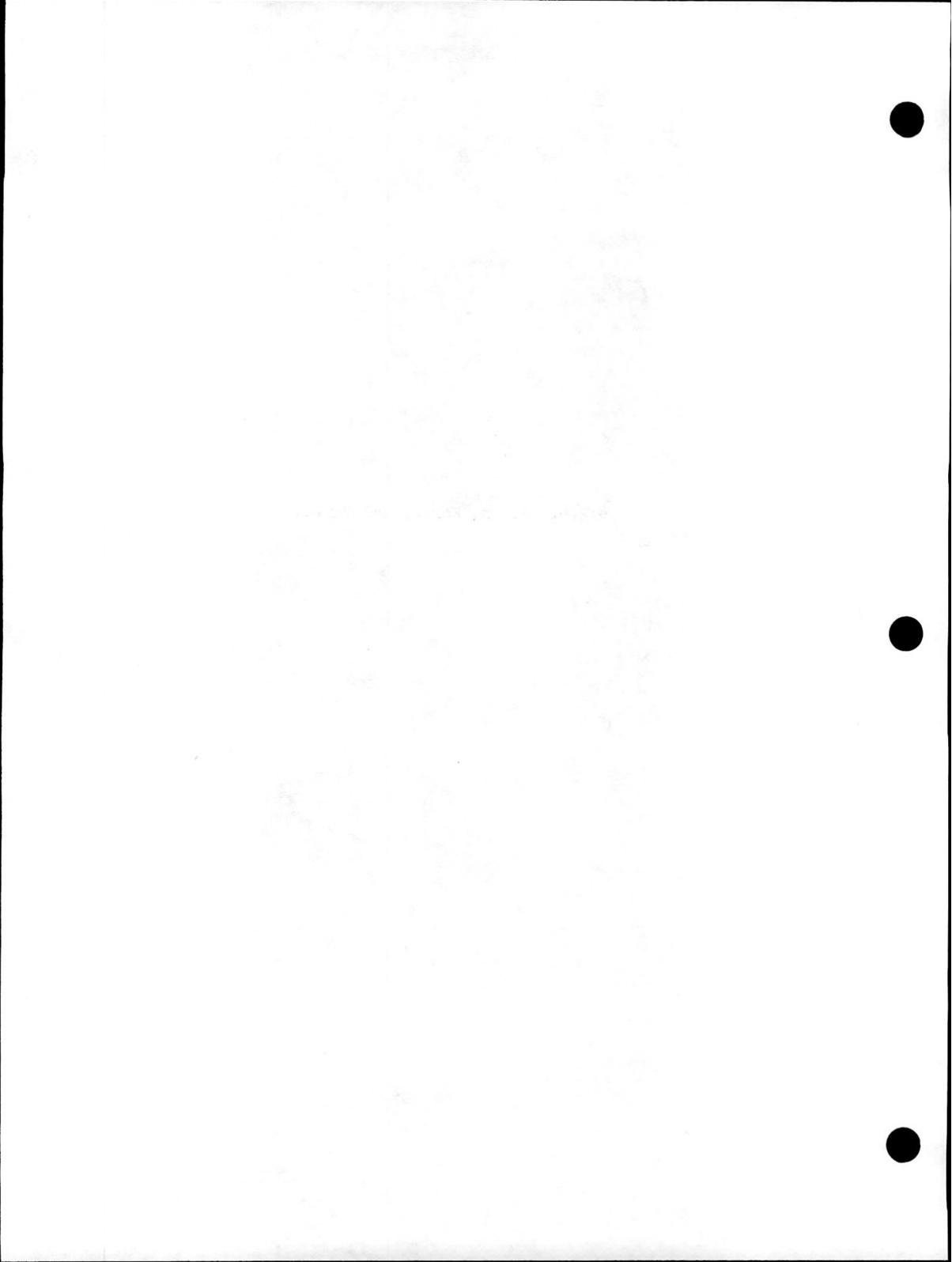
DESCRIPTION AND/OR SKETCH

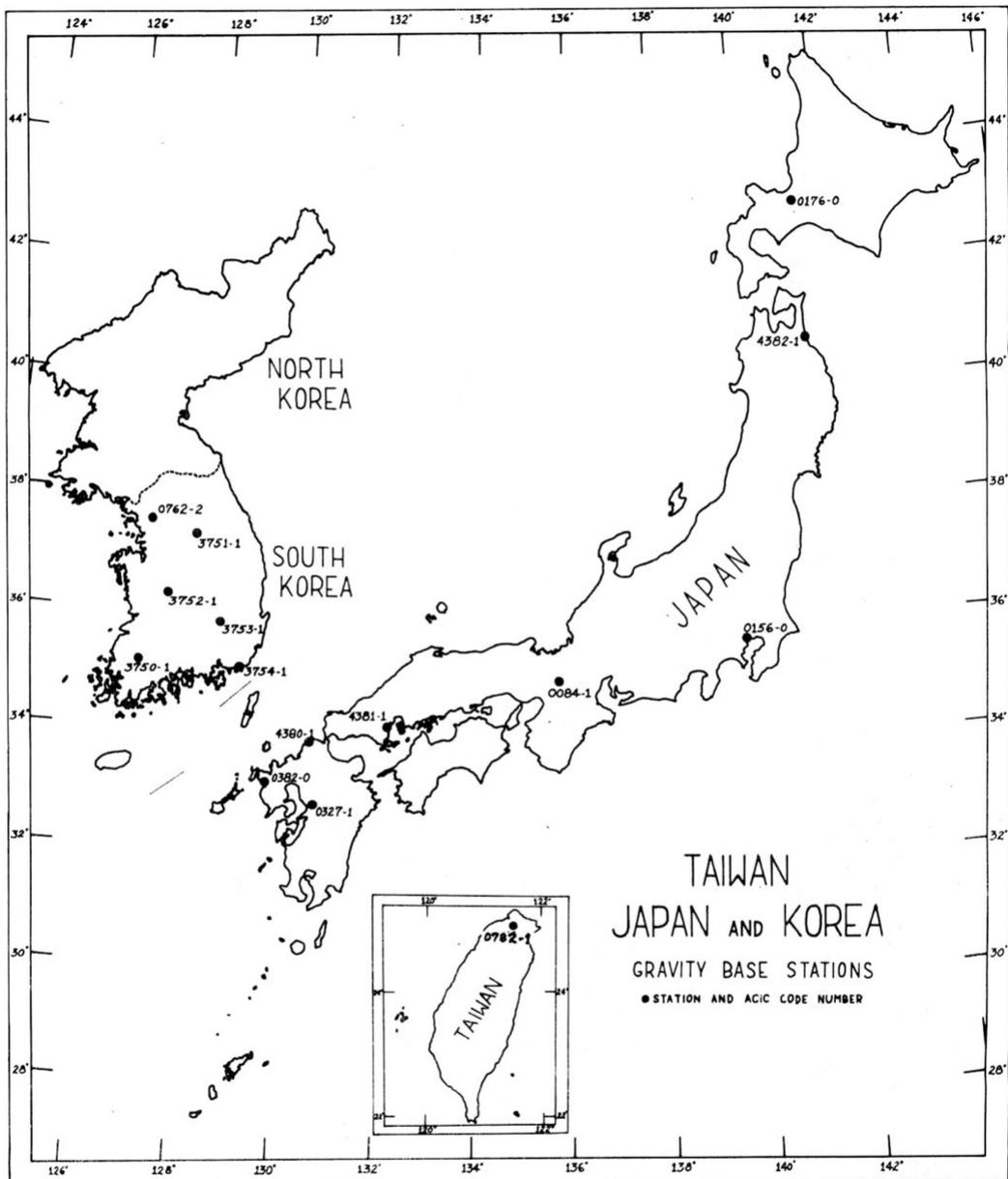
Jesselton Airport, inside meteorological enclosure in field side of terminal on north traincatcher base, one inch above ground level. (1)

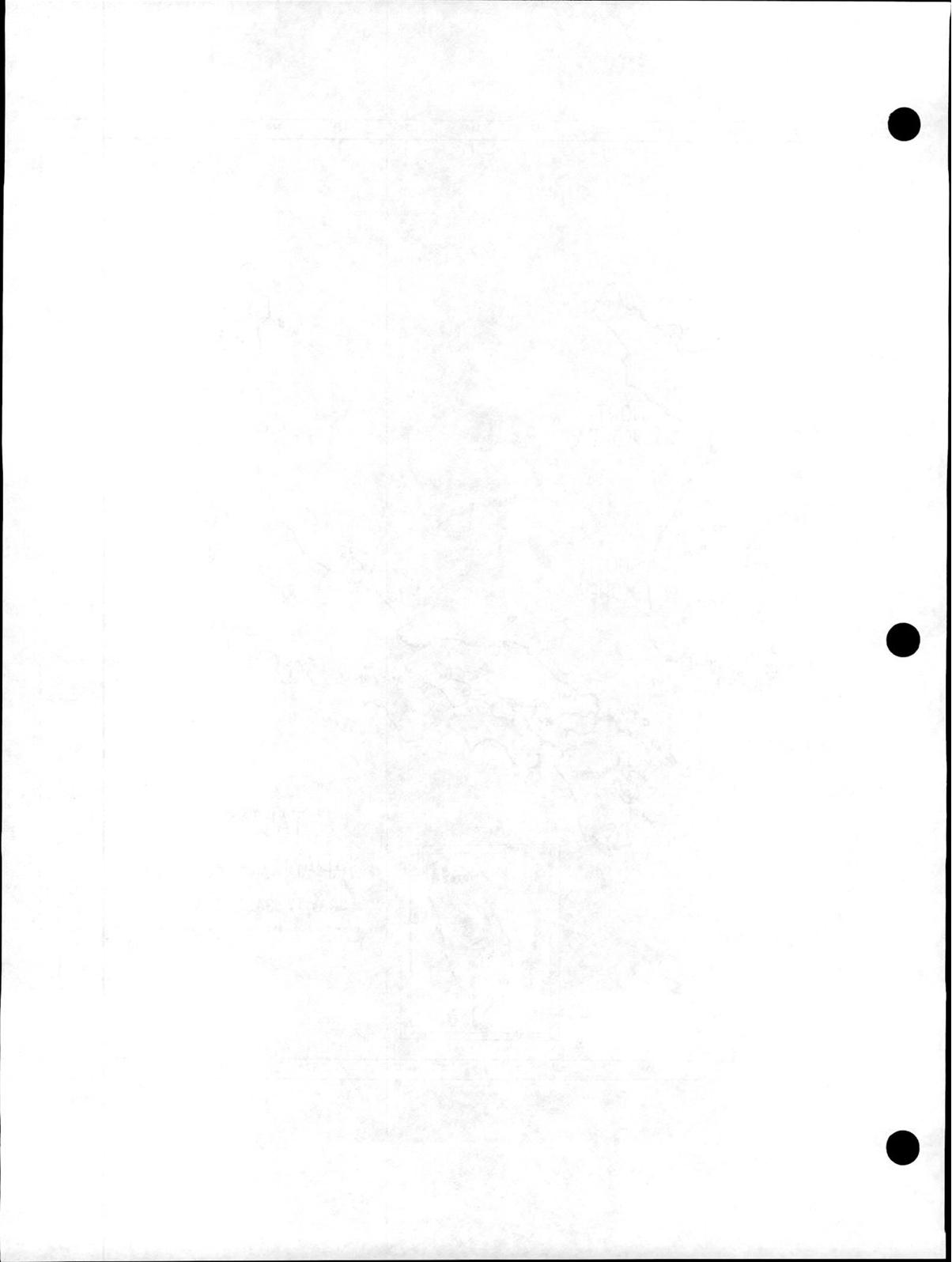
REFERENCE SOURCE

(1) 00916

4.2.4. Japan, Korea, and Taiwan







CROSS REFERENCE LIST
JAPAN

STATION DESIGNATION	ACIC REF NO
ASHIYA	4380-1
IWAKUNI	4381-1
KUMAMOTO	0327-1
KYOTO	0084-1
MISAWA	4382-1
SAPPORO	0176-0
SASEBO	0382-0
TOKYO	0156-0

CROSS REFERENCE LIST
SOUTH KOREA

STATION DESIGNATION	ACIC REF NO
KWANGJU	3750-1
PIJSAN	3754-1
SFOUL	0762-2
TAFGU	3753-1
TAEJON	3752-1
WONJU	3751-1

CROSS REFERENCE LIST
TAIWAN

STATION DESIGNATION	ACIC REF NO
TAIPEI	0782-1

1-1000
1-1001
1-1002
1-1003
1-1004
1-1005
1-1006
1-1007
1-1008
1-1009
1-1010

1-1011
1-1012
1-1013
1-1014
1-1015
1-1016
1-1017
1-1018
1-1019
1-1020
1-1021

1-1022
1-1023
1-1024
1-1025
1-1026
1-1027
1-1028
1-1029
1-1030
1-1031
1-1032

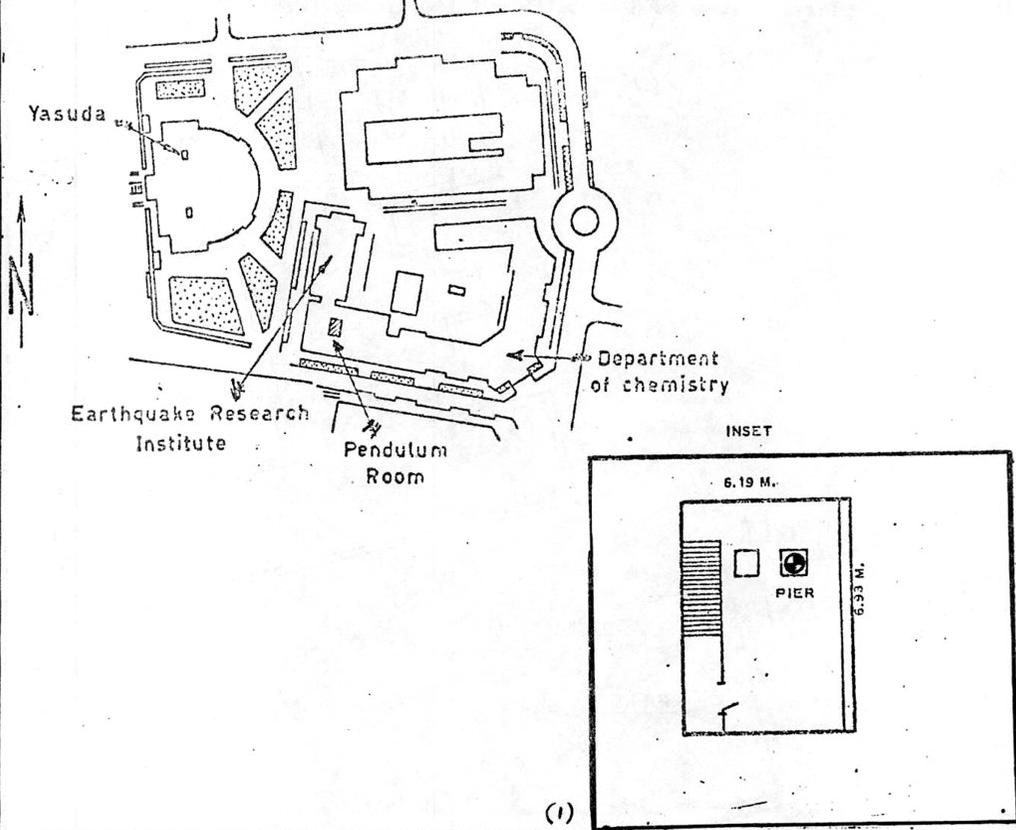
GRAVITY BASE STATION

LATITUDE	35° 42.60'N	(1)	STATION DESIGNATION	
LONGITUDE	139° 46.00'E	(1)	TOKYO	
ELEVATION	10.81	METERS (1)	COUNTRY/STATE	
			Japan/Honshu	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0156-0			$g =$	979 802.33
IGB 13159B				mgals
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made in Tokyo at the Tokyo University Earthquake Research Institute.

The site is located in the new (1963) pendulum room in the basement, on the east of two piers, about 1.0 meter above floor level. (1)



(1)

REFERENCE SOURCE

(1) 01452

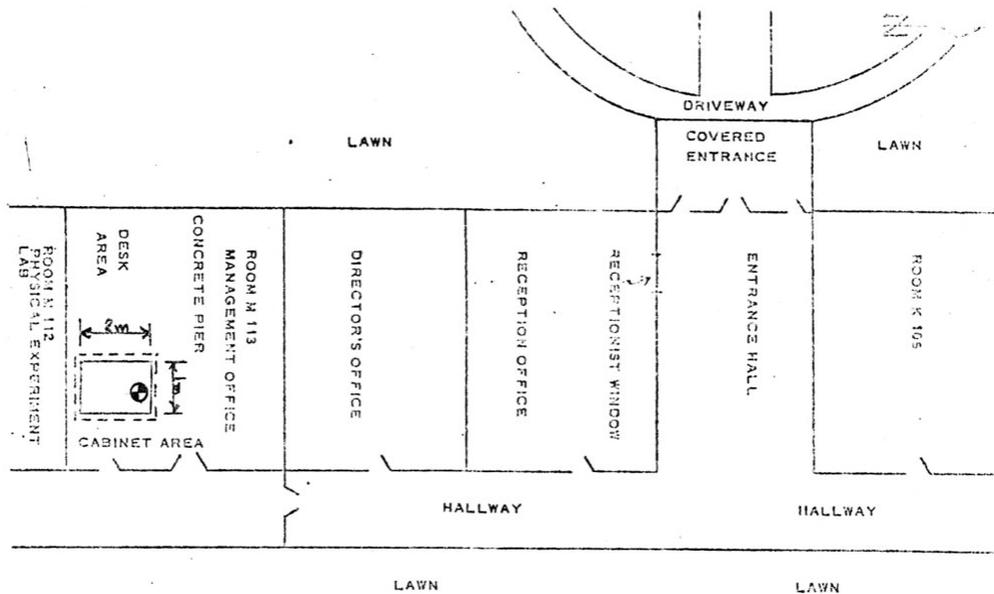
GRAVITY BASE STATION

LATITUDE	43° 04.20'N	(1)	STATION DESIGNATION	
LONGITUDE	141° 20.80'E	(1)	SAPPORO	
ELEVATION	16.04	METERS (1)		
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0176-0			g = 980 490.63 mgals	
IGB 16631A				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made in Sapporo--about 30 kilometers northwest of Chitose--at Hokkaido University's Low Temperature Lab.

The site is located in the southwest part of the room M113 (Management Office) on a flush concrete pier. The station is monumented with a brass disk inscribed, "Gravity Calibration Base". (1)



REFERENCE SOURCE

(1) 01492

GRAVITY BASE STATION

LATITUDE	32° 48.8'N	(1)	STATION DESIGNATION	
LONGITUDE	130° 43.8'E	(1)	KUMAMOTO	
ELEVATION	22.84	METERS (1)	COUNTRY/STATE	
			Japan/Kyushu	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0327-1			g =	979 565.6
			mgals	
			ESTIMATED ACCURACY	DATE
			+ 1.0	MONTH/YEAR
			mgals	6/70

DESCRIPTION AND/OR SKETCH

Seismograph room, Faculty of Science, Kumamoto University. (1)

REFERENCE SOURCE

(1) 03288

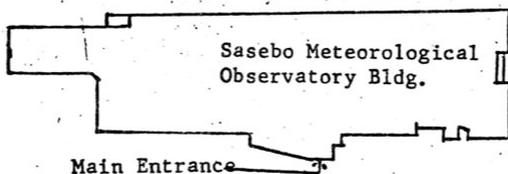
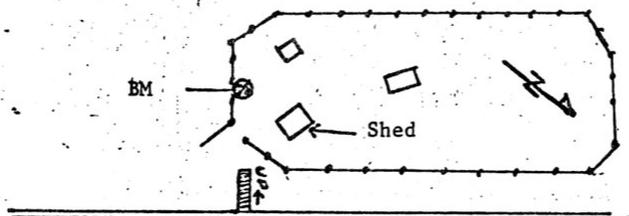
325

GRAVITY BASE STATION

LATITUDE	33° 09.2'N (1)	STATION DESIGNATION	
LONGITUDE	129° 44.0'E (1)	SASEBO	
ELEVATION	16.68 METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0382-0		$g = 979\ 621.91$ mgals	
NHO 11.24			
		ESTIMATED ACCURACY	DATE
		+ 0.5 mgals	MONTH/YEAR
			9/70

DESCRIPTION AND/OR SKETCH

Station is located on a flat hill behind the Sasebo Meteorological Observatory Building; inside a low-fenced enclosure. It is on the top of a stone Benchmark which is 12 inches square and protrudes 10 inches from the ground. The Benchmark has "EM" chisled into its top. (1)



REFERENCE SOURCE

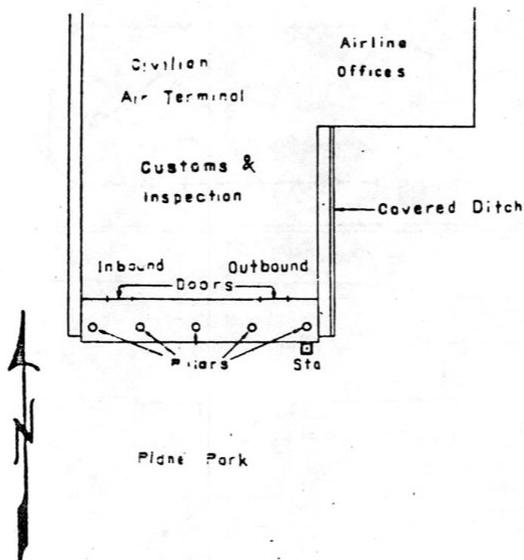
(1) 02632

GRAVITY BASE STATION

LATITUDE 37° 33.1'N (1)	STATION DESIGNATION		
LONGITUDE 126° 48.2'E (1)	SEOUL		
ELEVATION 19.5 METERS (1)	COUNTRY/STATE South Korea		
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0762-2		$g =$ 979 972.04 mgals	
IGB 13276K			
	ESTIMATED ACCURACY	DATE	
	\pm 0.3 mgals	MONTH/YEAR 7/70	

DESCRIPTION AND/OR SKETCH

Observations were made at the base of the stone slab, east side of easternmost pillar, southeast of "Outbound passenger door", west of covered concrete ditch, south end of civilian air terminal, Kimpo air base. (1)



REFERENCE SOURCE

(1) 02200

GRAVITY BASE STATION

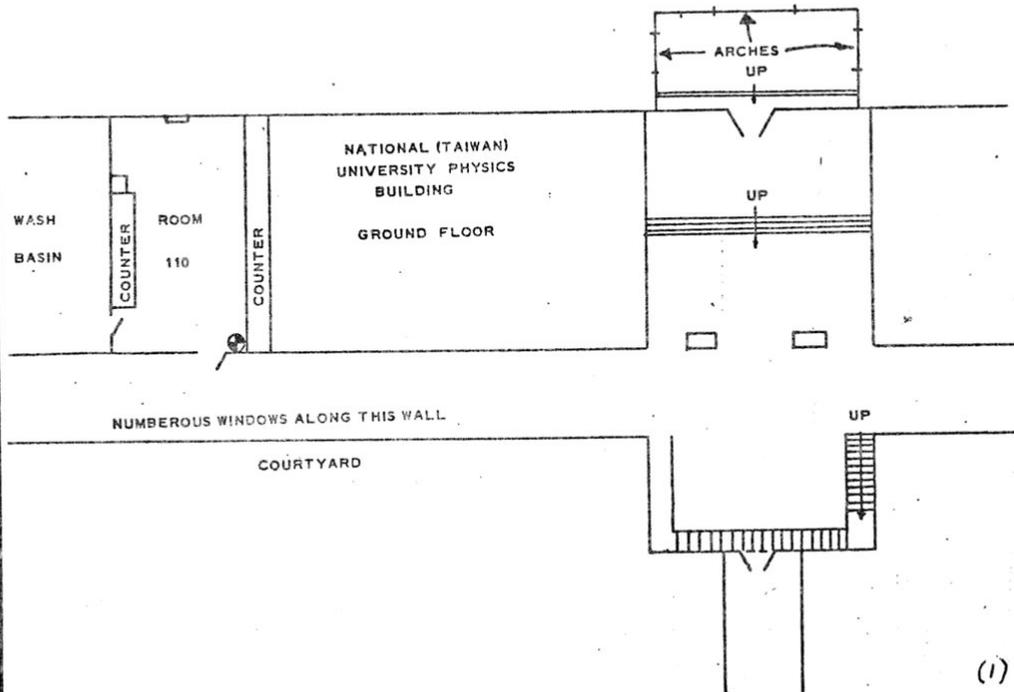
LATITUDE		25° 01.00'N	(1)	STATION DESIGNATION		TAIPEI	
LONGITUDE		121° 31.70'E	(1)				
ELEVATION		METERS		COUNTRY/STATE			
				Taiwan			
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE			
ACIC 0782-1				$g =$		978 963.85	mgals
IGB 09651B							
				ESTIMATED ACCURACY		DATE	
				+ 0.3 mgals		MONTH/YEAR	
						7/70	

DESCRIPTION AND/OR SKETCH

Observations were made in Taipei at the National (Taiwan) University Physics Building.

The site is located in the General Physics Laboratory (room 110) on the ground floor, in the southeast corner of the room, and on the concrete floor. The station is monumented with a brass disk inscribed, "Gravity Calibration Base".

(1)



(1)

REFERENCE SOURCE

(1) 01452

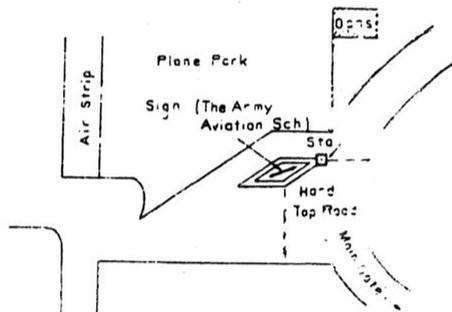
328

GRAVITY BASE STATION

LATITUDE	35° 08.6'N	(1)	STATION DESIGNATION	
LONGITUDE	126° 50.8'E	(1)	KWANG JU	
ELEVATION	13.1	METERS (1)		
REFERENCE CODE NUMBERS			COUNTRY/STATE	
ACIC 3750-1			ADOPTED GRAVITY VALUE	
			g = 979 758.54 mgals	
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
			12/69	

DESCRIPTION AND/OR SKETCH

Station is located on the east end of a diamond abutment upon which rests a sign which reads "The Army Aviation School". This is located on the south end of the strip. (1)



(1)

REFERENCE SOURCE

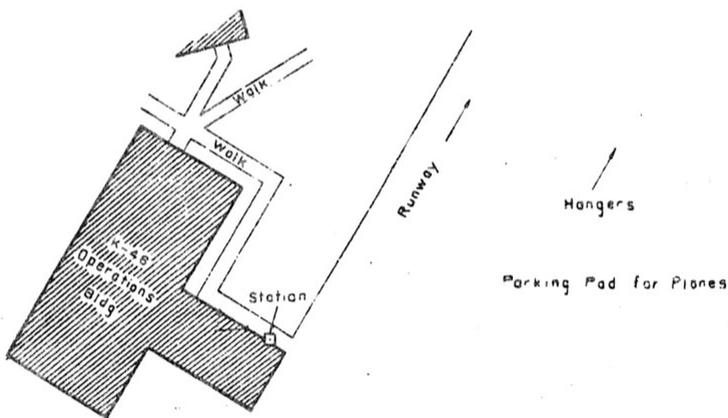
(1) 02200

GRAVITY BASE STATION

LATITUDE	37° 26.6'N (1)	STATION DESIGNATION	
LONGITUDE	127° 58.5'E (1)	WONJU	
ELEVATION	METERS	COUNTRY/STATE	
		South Korea	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3751-1		g = 979 915.99 mgals	
		ESTIMATED ACCURACY	DATE
		+ 0.3 mgals	MONTH/YEAR
			12/69

DESCRIPTION AND/OR SKETCH

Station is located halfway between door to operations building and end of walk leading to plane parking area. It is about 0.5 foot from side of building that is on extension to the quonset hut. (1)



(1)

REFERENCE SOURCE

(1) 02200

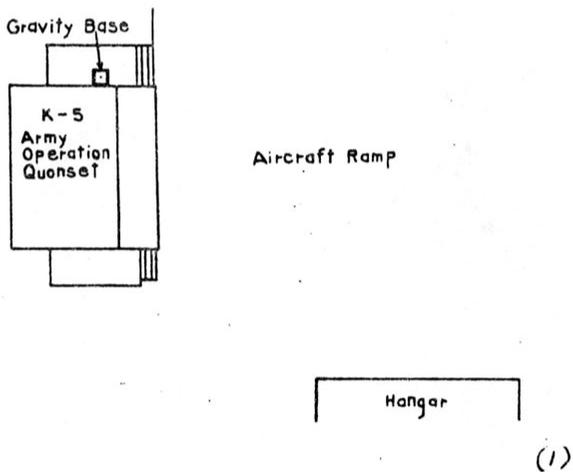
330

GRAVITY BASE STATION

LATITUDE	36° 20.6'N	(1)	STATION DESIGNATION	
LONGITUDE	127° 23.1'E	(1)	TAEJON	
ELEVATION	40.2	METERS (1)	COUNTRY/STATE	
			South Korea	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3752-1			g = 979 848.20 mgals	
IGB 13267K				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Observations were made at the north end of the quonset building used as K-5 Army Operations, on the concrete porch, east of the entrance door. (1)



REFERENCE SOURCE

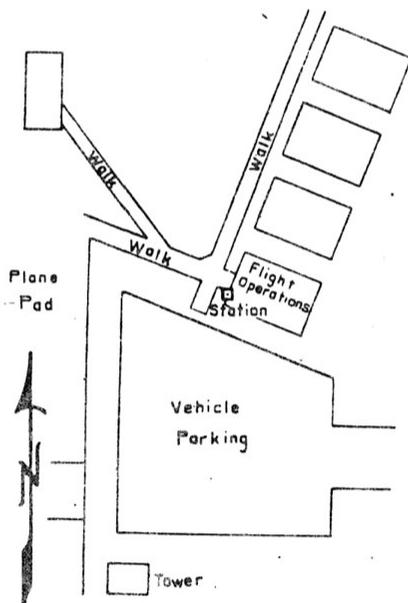
(1) 02200

GRAVITY BASE STATION

LATITUDE	35° 50.4'N	(1)	STATION DESIGNATION	
LONGITUDE	128° 35.6'E	(1)	TAEGU	
ELEVATION	METERS		COUNTRY/STATE	
			South Korea	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3753-1			g = 979 822.57 mgals	
IGB 13258J				
			ESTIMATED ACCURACY	DATE
			± 0.3 mgals	MONTH/YEAR
				7/70

DESCRIPTION AND/OR SKETCH

Station is located between the south edge of the walk and front door to flight operations, approximately 6 inches west of the east edge of cement walk. (1)



(1)

REFERENCE SOURCE

(1) 02200

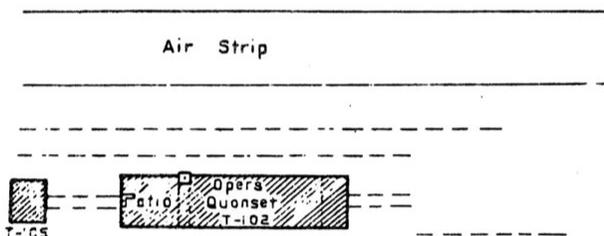
332

GRAVITY BASE STATION

LATITUDE 35° 07.6'N (1)	STATION DESIGNATION	
LONGITUDE 129° 06.0'E (1)	PUSAN	
ELEVATION 10.1 METERS (1)	COUNTRY/STATE South Korea	
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 3754-1	$g =$ 979 787.73 mgals	
IGB 13259J		
	ESTIMATED ACCURACY	DATE
	+ 0.3 mgals	MONTH/YEAR 7/70

DESCRIPTION AND/OR SKETCH

Observations were made on the northwest corner of Operations Building (Quonset Hut, T-102) under a 4 foot overhang of a quonset wall, northeast corner of patio, south side of airstrip. (1)



(1)

REFERENCE SOURCE

(1) 02200

GRAVITY BASE STATION

LATITUDE	33° 53.0'N	(1)	STATION DESIGNATION	
LONGITUDE	130° 38.4'E	(1)	ASHIYA	
ELEVATION	32.3	METERS (1)	COUNTRY/STATE	
			Japan/Kyushu	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4380-1			g =	979 676.94
WA 2038				mgals
			ESTIMATED ACCURACY	DATE
			± 0.5 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

Ashiya United States Air Force Base, at outside entrance to hut between hangars C and D. (1)

REFERENCE SOURCE

(1) 00916

334

GRAVITY BASE STATION

LATITUDE	34° 09.0'N	(1)	STATION DESIGNATION	
LONGITUDE	132° 13.1'E	(1)	IWAKUNI	
ELEVATION	3.0	METERS (1)	COUNTRY/STATE	
			Japan/Honshu	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4381-1			g = 979 651.23 mgals	
WA 2033				
			ESTIMATED ACCURACY	DATE
			± 0.5 mgals	MONTH/YEAR
				7/71

DESCRIPTION AND/OR SKETCH

United States Air Force Base, top of Operations Building 64. (1)

REFERENCE SOURCE

(1) 00916

GRAVITY BASE STATION

LATITUDE	40° 42.5'N (1)	STATION DESIGNATION	
LONGITUDE	141° 23.0'E (1)	MISAWA	
ELEVATION	36.3 METERS (1)	COUNTRY/STATE Japan/Honshu	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4382-1		g =	980 319.05 mgals
WA 2034			
		ESTIMATED ACCURACY	DATE
		+ 0.5 mgals	MONTH/YEAR 7/71
DESCRIPTION AND/OR SKETCH			
<p>United States Air Force Base, beneath window in field side of base operations. Building 998. (1)</p>			
REFERENCE SOURCE			
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APPENDIX A.3

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