U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH
JEPPESEN SANDERSON, INC.

GEOPHYSICAL INVESTIGATIONS MAP GP-1011
VOLCANOES AND PRINCIPAL AERONAUTICAL FEATURES

Cross-Reference List of Volcanoes and Navigation Aids

VOLCANO NAME	COUNTRY/STATE REGION	VOLCANO NUMBER	VOLCANO LAT/LONG	RADIAL/AWAY BRG & DISTANCE FROM REFERENCE NAVIGATION AID

EUROPE-AFRICA-MIDDLE EAST-INDIAN OCEAN

ALAYTA	ETHIOPIA	201-112	10?.0?? S 040.34.4	288°/186NM DJIBOUTI (DJI) VOR/DME
ANDAHUA	CHILE	355-11	19?.??? S 069.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
CAMPO DEGHEI	ITALY	211-01	40?.??? N 014.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
CAMPI FLEGREI MAR SICILY	ITALY	211-02	40?.??? N 014.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
DALLOL	ETHIOPIA	211-07	14?.??? N 040.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
DUBBI	ERITREA	201-03	15?.??? N 040.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
DUBBIL TEXTI	TEXTILE	201-01	14?.??? N 039.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
DUKONO	NIGERIA	211-03	07?.??? N 009.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
DUKPHUSSOGOLAK	AFRICA 5	211-04	07?.??? N 009.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
ERTA ALE	ETHIOPIA	201-08	10?.0?? S 040.34.4	288°/186NM DJIBOUTI (DJI) VOR/DME
ETNA	ITALY	211-04	37?.??? N 014.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
FOGGIA	ITALY	211-05	41?.??? N 015.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
HARRAZ OF DHAMAR	YEMEN	202-06	15?.??? N 044.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
HEKLA	ICELAND	355-01	64?.??? N 019.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
JEBEL ALEDAYR	RED SEA	201-03	15?.??? N 040.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
JEBEL ZUBAYR	RED SEA	201-02	15?.??? N 040.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
KARTHALA	COMOROS ISLAND	211-06	11?.??? S 043.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
KIBITO	AFRICA 6	202-17	02?.??? S 034.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
LONGONOT	ETHIOPIA	201-03	10?.??? S 040.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
MANDA HARAYO	ETHIOPIA	201-04	10?.??? S 040.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
MANDA HUDAD	ETHIOPIA	201-05	10?.??? S 040.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
MARADO	AFRICA 7	202-18	02?.??? S 034.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
MEYBATAR	GREECE	202-12	38?.??? N 023.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
MOUNT CAMEROON	AFRICA 14	202-19	04?.??? N 009.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
NABRO	ERITREA	201-06	13?.??? N 041.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
NYAMUGANIA	AFRICA 1	202-02	00?.??? S 029.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
NYIRAGONGA	AFRICA 2	202-03	01?.??? S 029.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
OLOLOUCHO FIELD	KENYA	202-04	02?.??? S 036.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
OL DOINYO LENGAI	AFRICA 3	202-05	02?.??? S 036.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
PANTELLERIA	ITALY	211-08	36?.??? N 012.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
PICCOLO PANTELLERIA	ITALY	211-09	36?.??? N 012.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
SANTA ISABEL	AFRICA 16	202-02	03?.??? N 008.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
SCHIRYE	ITALY	211-10	38?.??? N 015.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
SOUTH ISLAND	NEW ZEALAND	202-01	43?.??? S 170.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
STROMBOLI	ITALY	211-11	38?.??? N 015.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
TAAL	PHILIPPINES	202-08	14?.??? N 120.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
TAMBORA	INDONESIA	202-09	08?.??? S 118.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
TARAWERA	NEW ZEALAND	202-10	38?.??? S 176.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
TEIDE	CANARY ISLANDS	211-12	28?.??? N 016.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
TERCEIRA	AZORES	211-13	38?.??? N 027.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
VESUVIUS	ITALY	211-14	40?.??? N 014.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
VILLARRICA	CHILE	355-12	39?.??? S 071.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME
VULCANO	ITALY	211-15	38?.??? N 014.??.?	288°/186NM DJIBOUTI (DJI) VOR/DME

NEW ZEALAND-SOUTHWEST PACIFIC

AUBRYN	VANUATU/SW PACIFIC	307-01	15?.??? S 167.??.?	288°/186NM PORT VILA (VLI) VOR/DME
AVAK	VANUATU/SW PACIFIC	307-02	15?.??? S 167.??.?	288°/186NM PORT VILA (VLI) VOR/DME
BOSCAWEN ISLAND	NEW ZEALAND	307-03	34?.??? S 178.??.?	288°/186NM AUCKLAND (AKL) VOR/DME
BOSCAWEN ISLAND	NEW ZEALAND SW PACIFIC	307-03	34?.??? S 178.??.?	288°/186NM AUCKLAND (AKL) VOR/DME
BRIAN	NEW BRITAIN SW PACIFIC	307-04	04?.??? S 152.??.?	288°/186NM PORT MORESBY (POM) VOR/DME
BULLY BOTTOMS	BOUGAINVILLE SW PACIFIC	308-01	06?.??? S 155.??.?	288°/186NM KIRAWAI (KWA) VOR/DME
CHRISTMAS ISLAND	KIRIBATI/SW PACIFIC	307-05	02?.??? N 157.??.?	288°/186NM CHRISTMAS ISLAND (CXI) VOR/TAC
CURTIS	NEW ZEALAND SW PACIFIC	307-06	34?.??? S 178.??.?	288°/186NM AUCKLAND (AKL) VOR/DME
DAVEY	VANUATU/SW PACIFIC	307-07	15?.??? S 167.??.?	288°/186NM PORT VILA (VLI) VOR/DME
EAST SEP	VANUATU/SW PACIFIC	307-08	15?.??? S 168.??.?	288°/186NM PORT VILA (VLI) VOR/DME
EPI ISLAND	VANUATU/SW PACIFIC	307-09	16?.??? S 168.??.?	288°/186NM PORT VILA (VLI) VOR/DME
FONUALEI	TONGA SW PACIFIC	307-10	21?.??? S 175.??.?	288°/186NM TONGATAPU (TBU) VOR/DME
GAUA	VANUATU/SW PACIFIC	307-11	14?.??? S 167.??.?	288°/186NM PORT VILA (VLI) VOR/DME
HUNGA HAAPAI	TONGA SW PACIFIC	307-12	20?.??? S 175.??.?	288°/186NM TONGATAPU (TBU) VOR/DME
HUNTER ISLAND	SW PACIFIC	308-02	41?.??? S 142.??.?	288°/186NM HOBART (HBA) VOR/DME
KARKAR	NEW GUINEA/SW SP	307-13	04?.??? S 144.??.?	288°/186NM MADANG (MAG) VOR/DME
KAVACHI	SOLOMON ISLANDS	307-14	08?.??? S 157.??.?	288°/186NM HONIARA (HIR) VOR/DME
KERMADEC	NEW ZEALAND SW PACIFIC	307-15	30?.??? S 178.??.?	288°/186NM AUCKLAND (AKL) VOR/DME
LAMBLA	NEW BRITAIN SW PACIFIC	308-03	05?.??? S 148.??.?	288°/186NM PANGUNA/TPA (PAV) VOR/DME
LATA	SOLOMON ISLANDS	307-16	10?.??? S 165.??.?	288°/186NM HONIARA (HIR) VOR/DME
LOLOBAU	NEW BRITAIN SW PACIFIC	308-04	04?.??? S 151.??.?	288°/186NM NEW BRITAIN (BAL) VOR/DME
LOPEVI	VANUATU/SW PACIFIC	307-17	16?.??? S 168.??.?	288°/186NM PORT VILA (VLI) VOR/DME
MATTHEW ISLAND	NEW ZEALAND SW SP	307-18	22?.??? S 170.??.?	288°/186NM NOUMEA (NOU) VOR/DME
METAS INCHO	TONGA SW PACIFIC	307-19	21?.??? S 175.??.?	288°/186NM TONGATAPU (TBU) VOR/DME
MONOWAI CRATER	TONGA SW PACIFIC	307-20	21?.??? S 175.??.?	288°/186NM TONGATAPU (TBU) VOR/DME
MOUNT EDGECUMBE	NEW ZEALAND	307-21	37?.??? S 176.??.?	288°/186NM AUCKLAND (AKL) VOR/DME
NUKUTUFA	TONGA SW PACIFIC	307-22	21?.??? S 175.??.?	288°/186NM TONGATAPU (TBU) VOR/DME
OFU-OLOSEGA	TONGA SW PACIFIC	307-23	15?.??? S 173.??.?	288°/186NM TONGATAPU (TBU) VOR/DME
OMELA	NEW BRITAIN SW PACIFIC	308-05	05?.??? S 148.??.?	288°/186NM PANGUNA/TPA (PAV) VOR/DME
PATOS ISLAND	NEW GUINEA SW SP	307-24	03?.??? S 144.??.?	288°/186NM MADANG (MAG) VOR/DME
RABAUL	NEW BRITAIN SW PACIFIC	308-06	04?.??? S 152.??.?	288°/186NM PORT MORESBY (POM) VOR/DME
RUANGPU	NEW GUINEA/SW SP	307-25	03?.??? S 144.??.?	288°/186NM MADANG (MAG) VOR/DME
SARIGAN	NORTHERN MARIANAS	307-26	16?.??? N 145.??.?	288°/186NM ANDERSEN AUF (GUM) VOR/DME
SARIMANOK	NEW GUINEA/SW SP	307-27	03?.??? S 144.??.?	288°/186NM MADANG (MAG) VOR/DME
SORTEMEET	VANUATU/SW PACIFIC	307-28	15?.??? S 167.??.?	288°/186NM PORT VILA (VLI) VOR/DME
ST ANDREW STRAIT	ADMIRALTY IS SW PACIFIC	307-29	02?.??? S 147.??.?	288°/186NM MANUS (MAS) VOR/DME
TAFAHI	TONGA SW PACIFIC	307-30	15?.??? S 173.??.?	288°/186NM TONGATAPU (TBU) VOR/DME
TAFAHI 2	TONGA SW PACIFIC	307-31	15?.??? S 173.??.?	288°/186NM TONGATAPU (TBU) VOR/DME
TONGARIRO	NEW ZEALAND	307-32	39?.??? S 175.??.?	288°/186NM AUCKLAND (AKL) VOR/DME
TORU TORU TRENCH	NEW BRITAIN SW PACIFIC	307-33	05?.??? S 148.??.?	288°/186NM PANGUNA/TPA (PAV) VOR/DME
ULAWUN	NEW BRITAIN SW PACIFIC	307-34	05?.??? S 151.??.?	288°/186NM NEW BRITAIN (BAL) VOR/DME
VANUATU	VANUATU/SW PACIFIC	307-35	15?.??? S 167.??.?	288°/186NM PORT VILA (VLI) VOR/DME
WHITE ISLAND	NEW ZEALAND	307-36	37?.??? S 177.??.?	288°/186NM AUCKLAND (AKL) VOR/DME
YASUR	VANUATU/SW PACIFIC	307-37	19?.??? S 169.??.?	288°/186NM PORT VILA (VLI) VOR/DME

INDONESIA

ADUNG	LESSER SUNDA IS	304-04	08?.??? S 122.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
ARANGA	SULAWESI-INDONESIA	308-07	06?.??? S 126.??.?	288°/186NM MAKASSAR/TBG (MAK) VOR/DME
ARJUNO-WELIRANG	JAVA	304-05	07?.??? S 112.??.?	288°/186NM SEMARANG (SMG) VOR/DME
	JAVA	304-06	08?.??? S 113.??.?	288°/186NM SEMARANG (SMG) VOR/DME
BANDA API	BANDA SEA	304-07	04?.??? S 129.??.?	288°/186NM AMBON (AMB) VOR/DME
BANUA WUHU	BANGKIR IS-INDONESIA	307-38	04?.??? S 125.??.?	288°/186NM MANADO/TEC (MAO) VOR/DME
BATUR-BATUKARU	BANGKIR IS-INDONESIA	307-39	04?.??? S 125.??.?	288°/186NM MANADO/TEC (MAO) VOR/DME
BATUTARA	SULAWESI-INDONESIA	308-08	06?.??? S 126.??.?	288°/186NM MAKASSAR/TBG (MAK) VOR/DME
BUR-NI TELONG	SUMATRA	301-03	04?.??? S 098.??.?	288°/186NM LHOK SUKON (LSK) VOR
CLEMENTINA	SULAWESI-INDONESIA	308-09	06?.??? S 126.??.?	288°/186NM MAKASSAR/TBG (MAK) VOR/DME
DEMPO	SUMATRA	301-05	04?.??? S 103.??.?	288°/186NM PALEMBANG (PLB) VOR/DME
DIENG VOLCANO COMPLEX	JAVA	304-08	07?.??? S 109.??.?	288°/186NM SEMARANG (SMG) VOR/DME
EMPUNG	HALMAHERA-INDONESIA	308-10	00?.??? N 127.??.?	288°/186NM MANADO (MAO) VOR/DME
ERUPSI	LESSER SUNDA IS	304-09	08?.??? S 122.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
GAMALAMA	HALMAHERA-INDONESIA	308-11	00?.??? N 127.??.?	288°/186NM MANADO (MAO) VOR/DME
GEDE	JAVA	304-10	06?.??? S 107.??.?	288°/186NM SEMARANG (SMG) VOR/DME
GUNUNG API	BANDA SEA	304-11	04?.??? S 129.??.?	288°/186NM AMBON (AMB) VOR/DME
GUNUNG RAWANI	LESSER SUNDA IS	304-071	08?.??? S 122.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
IBU-NUNUMPI-MEKO	HALMAHERA-INDONESIA	308-12	01?.??? N 127.??.?	288°/186NM MANADO (MAO) VOR/DME
IDJEN	LESSER SUNDA IS	304-12	08?.??? S 114.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
IJEN	JAVA	304-13	08?.??? S 114.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
ILIBOLENG	LESSER SUNDA IS	304-14	08?.??? S 122.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
INERIE	LESSER SUNDA IS	304-15	08?.??? S 121.??.?	288°/186NM KUPANG (KPG) VOR/DME
INIELIKA	LESSER SUNDA IS	304-16	08?.??? S 122.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
IYA	LESSER SUNDA IS	304-17	08?.??? S 122.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
KELIMUTU	LESSER SUNDA IS	304-18	08?.??? S 121.??.?	288°/186NM KUPANG (KPG) VOR/DME
KERIDO	SUMATRA	301-06	04?.??? S 101.??.?	288°/186NM PADANG (PDG) VOR/DME
KOMAMBO-SAGAR	SULAWESI-INDONESIA	308-13	06?.??? S 126.??.?	288°/186NM MAKASSAR/TBG (MAK) VOR/DME
LAMONGAN	JAVA	304-19	07?.??? S 112.??.?	288°/186NM SEMARANG (SMG) VOR/DME
LEWOTOBI	LESSER SUNDA IS	304-20	08?.??? S 122.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
LEWOTOLO	LESSER SUNDA IS	304-21	08?.??? S 122.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
LEWOTOLOK	LESSER SUNDA IS	304-22	08?.??? S 122.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
LEWOTOLOPI-LEMBU	LESSER SUNDA IS	304-23	08?.??? S 122.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
LOKON	SULAWESI-INDONESIA	308-14	01?.??? N 124.??.?	288°/186NM MANADO (MAO) VOR/DME
LOMPOBATANG	SULAWESI-INDONESIA	308-15	04?.??? S 120.??.?	288°/186NM MAKASSAR/TBG (MAK) VOR/DME
MARAPI	SUMATRA	301-10	04?.??? S 100.??.?	288°/186NM PADANG (PDG) VOR/DME
MARAPI	SUMATRA	301-11	04?.??? S 100.??.?	288°/186NM PADANG (PDG) VOR/DME
MEDANA	BANDA SEA	304-24	04?.??? S 129.??.?	288°/186NM AMBON (AMB) VOR/DME
MELV	BANDA SEA	304-25	04?.??? S 129.??.?	288°/186NM AMBON (AMB) VOR/DME
MERAPI	JAVA	304-26	07?.??? S 110.??.?	288°/186NM SEMARANG (SMG) VOR/DME
MERAPI	SUMATRA	301-12	03?.??? S 100.??.?	288°/186NM PADANG (PDG) VOR/DME
MORAWA	SUMATRA	301-13	04?.??? S 100.??.?	288°/186NM PADANG (PDG) VOR/DME
NILA	BANDA SEA	304-27	04?.??? S 129.??.?	288°/186NM AMBON (AMB) VOR/DME
NILA	BANDA SEA	304-28	04?.??? S 129.??.?	288°/186NM AMBON (AMB) VOR/DME
PAPANDAYAN	JAVA	304-29	07?.??? S 107.??.?	288°/186NM SEMARANG (SMG) VOR/DME
PEUET SAGUE	SUMATRA	301-14	04?.??? S 096.??.?	288°/186NM LHOK SUKON (LSK) VOR
RANAU	SUMATRA	301-15	04?.??? S 103.??.?	288°/186NM PALEMBANG (PLB) VOR/DME
RINDJANI	LESSER SUNDA IS	304-30	08?.??? S 116.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
SALAK	JAVA	304-31	06?.??? S 106.??.?	288°/186NM SEMARANG (SMG) VOR/DME
SANGEANG API	LESSER SUNDA IS	304-32	08?.??? S 119.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
SEMERU	JAVA	304-33	08?.??? S 113.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
SERAM	BANDA SEA	304-34	03?.??? S 129.??.?	288°/186NM AMBON (AMB) VOR/DME
SINABUNG	SUMATRA	301-17	03?.??? S 098.??.?	288°/186NM LHOK SUKON (LSK) VOR
SINGGALANG	SUMATRA	301-18	04?.??? S 100.??.?	288°/186NM PADANG (PDG) VOR/DME
SOPUTAN	SULAWESI-INDONESIA	308-16	01?.??? N 125.??.?	288°/186NM MANADO (MAO) VOR/DME
TALANG	SUMATRA	301-19	03?.??? S 100.??.?	288°/186NM PADANG (PDG) VOR/DME
TANGKUBAN PARAHU	JAVA	304-35	06?.??? S 107.??.?	288°/186NM SEMARANG (SMG) VOR/DME
TENGGER CALDERA	JAVA	304-36	08?.??? S 113.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
TIDAR	JAVA	304-37	07?.??? S 110.??.?	288°/186NM SEMARANG (SMG) VOR/DME
TOMBORO	SULAWESI-INDONESIA	308-17	08?.??? S 118.??.?	288°/186NM BALLEDRA PASAR (BLI) VOR/DME
WURLALI	BANDA SEA	304-38	04?.??? S 129.??.?	288°/186NM AMBON (AMB) VOR/DME

PHILIPPINES-JAPAN-MARIANAS-SOUTHEAST ASIA

AGATAN	HONSHU-JAPAN	309-01	19?.??? N 145.??.?	288°/186NM YUKUSHIMA (YKS) VOR/DME
ASHIZAN	MARIANA SEC PACIFIC	309-19	16?.??? N 145.??.?	288°/186NM GANTZ (GNZ) VOR/DME
ASHIZAN	MARIANA SEC PACIFIC	309-19	16?.??? N 145.??.?	288°/186NM GANTZ (GNZ) VOR/DME
ASO	HONSHU-JAPAN	309-02	32?.??? N 131.??.?	288°/186NM KUMAMOTO (KMJ) VOR/DME
ANTA YAMA-TAKE	HONSHU-JAPAN	309-08	36?.??? N 137.??.?	288°/186NM NAGOYA (NGO) VOR/DME
ASUNCION	MARIANA SEC PACIFIC	309-03	19?.??? N 145.??.?	288°/186NM GANTZ (GNZ) VOR/DME
AGUIGAN	SO ISLANDS	309-17	14?.??? N 144.??.?	288°/186NM ANDERSEN AUF (GUM) VOR/DME
ASUSA	KYUSHU-JAPAN	309-11	33?.??? N 131.??.?	288°/186NM KUMAMOTO (KMJ) VOR/DME
	KYUSHU-JAPAN	309-12	33?.??? N 131.??.?	288°/186NM KUMAMOTO (KMJ) VOR/DME
ASUNCION	MARIANA SEC PACIFIC	309-13	19?.??? N 145.??.?	288°/186NM GANTZ (GNZ) VOR/DME
BABUYAN CLARO	LUZON-PHILIPPINES	309-04	18?.??? N 121.??.?	288°/186NM CAGAYAN (CGY) VOR/DME
BANUA	LUZON-PHILIPPINES	309-05	18?.??? N 121.??.?	288°/186NM CAGAYAN (CGY) VOR/DME
BATANDAYAN ROCKS	SO ISLANDS	309-14	12?.??? N 144.??.?	288°/186NM ANDERSEN AUF (GUM) VOR/DME
BLIPAN	PHILIPPINES 2	702-08	16?.??? N 124.??.?	288°/186NM MASBATE (MBT) VOR
BULUSAN	LUZON-PHILIPPINES	309-06	12?.??? N 124.??.?	288°/186NM LEGAZPI (LGP) VOR/DME
CELEBAN	LUZON-PHILIPPINES	309-07	13?.??? N 123.??.?	288°/186NM LEGAZPI (LGP) VOR/DME
CHAMORRO DE BABUYANE	LUZON-PHILIPPINES	309-08	18?.??? N 121.??.?	288°/186NM CAGAYAN (CGY) VOR/DME
CHAMORRO DE BABUYANE	LUZON S/A OF	704-01	18?.??? N 121.??.?	288°/186NM CAGAYAN (CGY) VOR/DME
CHICHIJIMA	HONSHU-JAPAN	309-09	27?.??? N 142.??.?	288°/186NM YOKOTA (OKO) VOR/DME
CHOKAI	HONSHU-JAPAN	309-10	39?.??? N 140.??.?	288°/186NM YUKUSHIMA (YKS) VOR/DME
DAIKOKU	LUZON S/A OF	704-02	19?.??? N 118.??.?	288°/186NM TUGUEGARAO (TUG) VOR
DAITO	LUZON S/A OF	704-03	19?.??? N 118.??.?	288°/186NM TUGUEGARAO (TUG) VOR
DAMALIAN DE PUJAROS	MARIANA SEC PACIFIC	309-15	19?.??? N 145.??.?	288°/186NM GANTZ (GNZ) VOR/DME
FUJI	HONSHU-JAPAN	309-20	35?.??? N 138.??.?	288°/186NM YOKOTA (OKO) VOR/DME
FUJI-SAN	HONSHU-JAPAN	309-21	35?.??? N 138.??.?	288°/186NM YOKOTA (OKO) VOR/DME
FUKUTOKU-OKANOBA	VOLCANO IS-JAPAN	309-22	24?.??? N 141.??.?	288°/186NM ANDERSEN AUF (GUM) VOR/DME
GUGUAN	LUZON-PHILIPPINES	309-23	18?.??? N 121.??.?	288°/186NM CAGAYAN (CGY) VOR/DME
HACHIJO-JIMA	HONSHU-JAPAN	309-24	33?.??? N 139.??.?	288°/186NM YOKOTA (OKO) VOR/DME
HIBOK-HIBOK	MINDANAO-PHILIPPINES	701-03	09?.??? N 124.??.?	288°/186NM CAGAYAN DE ORO (CDO) VOR/DME
HIJO DE LEGAZPI FIELD	LUZON-PHILIPPINES	309-25	13?.??? N 123.??.?	288°/186NM LEGAZPI (LGP) VOR/DME
HIJO DE LEGAZPI	LUZON-PHILIPPINES	309-26	13?.??? N 123.??.?	288°/186NM LEGAZPI (LGP) VOR/DME
IRIGA	LUZON-PHILIPPINES	703-041	13?.??? N 123.??.?	288°/186NM LEGAZPI (LGP) VOR/DME
IWO JIMA	VOLCANO IS-JAPAN	309-27	24?.??? N 141.??.?	288°/186NM ANDERSEN AUF (GUM) VOR/DME
IRAKI	HONSHU-JAPAN	309-27	36?.??? N 140.??.?	288°/186NM YUKUSHIMA (YKS) VOR/DME
ISUZU	HONSHU-JAPAN	309-28	34?.??? N 136.??.?	288°/186NM NAGOYA (NGO) VOR/DME
IZU-OSHIMA	HONSHU-JAPAN	309-29	34?.??? N 139.??.?	288°/186NM YOKOTA (OKO) VOR/DME
KAIKOMA	HONSHU-JAPAN	309-30	35?.??? N 138.??.?	288°/186NM YOKOTA (OKO) VOR/DME
KANLAON	NEGROS-PHILIPPINES	703-01	10?.??? N 123.??.?	288°/186NM DUMAGUETE (DGT) VOR/DME
KARUMAI	HONSHU-JAPAN	309-31	43?.??? N 141.??.?	288°/186NM YUKUSHIMA (YKS) VOR/DME
KATSUYAMA	LUZON-PHILIPPINES	309-32	14?.??? N 122.??.?	288°/186NM LEGAZPI (LGP) VOR/DME
KEGAYA-TOBI-SHIMA	HONSHU-JAPAN	309-33	34?.??? N 139.??.?	288°/186NM YOKOTA (OKO) VOR/DME
KEMUMU	HONSHU-JAPAN	309-34	38?.??? N 140.??.?	288°/186NM YUKUSHIMA (YKS) VOR/DME
KIKAI	HONSHU-JAPAN	309-35	30?.??? N 130.??.?	288°/186NM KAGOSHIMA (KAG) VOR/DME
KIKAI-GA-SHIMA	HONSHU-JAPAN	309-36	30?.??? N 130.??.?	288°/186NM KAGOSHIMA (KAG) VOR/DME
KIRISHIMA-YAMA	KYUSHU-JAPAN	309-37	31?.??? N 130.??.?	288°/186NM KAGOSHIMA (KAG) VOR/DME
KUCHINOERABU-JIMA	KYUSHU-JAPAN	309-38	30?.??? N 130.??.?	288°/186NM KAGOSHIMA (KAG) VOR/DME
KUJU GROUP	KYUSHU-JAPAN	309-39	33?.??? N 131.??.?	288°/186NM KUMAMOTO (KMJ) VOR/DME
KUNASHIRI	HONSHU-JAPAN	309-40	44?.??? N 145.??.?	288°/186NM NEMURO (NEM) VOR/DME
KUSATSU-SHIRANE	HONSHU-JAPAN	309-41	36?.??? N 138.??.?	288°/186NM YUKUSHIMA (YKS) VOR/DME
MAGON	VOLCANO IS-JAPAN	309-42	24?.??? N 141.??.?	288°/186NM ANDERSEN AUF (GUM) VOR/DME
MAKIAN	LUZON-PHILIPPINES	309-43	14?.??? N 122.??.?	288°/186NM LEGAZPI (LGP) VOR/DME
MAYON	LUZON-PHILIPPINES	703-03	13?.??? N 123.??.?	288°/186NM LEGAZPI (LGP) VOR/DME
MEIJI-SHINZAN	HONSHU-JAPAN	309-44	43?.??? N 142.??.?	288°/186NM YUKUSHIMA (YKS) VOR/DME
MOUNT APO	MINDANAO-PHILIPPINES	703-04	07?.??? N 125.??.?	288°/186NM DAVAO (DVO) VOR/DME
MOUNT PINATUBO	LUZON-PHILIPPINES	703-05	15?.??? N 120.??.?	288°/186NM CABANATUAN (CAB) VOR/DME
NASU-DAKE	HONSHU-JAPAN	309-45	37?.??? N 140.??.?	288°/186NM YUKUSHIMA (YKS) VOR/DME
NIIJIMA	HONSHU-JAPAN	309-46	34?.??? N 139.??.?	288°/186NM YOKOTA (OKO) VOR/DME
NISHINO-SHIMA	VOLCANO IS-JAPAN	309-47	27?.??? N 140.??.?	288°/186NM ANDERSEN AUF (GUM) VOR/DME
OKMOK	KURIL IS	309-48	53?.??? N 168.??.?	288°/186NM PETROPAVLOVSK (PKC) VOR/DME
OSORNO	LUZON-PHILIPPINES	703-06	12?.??? N 123.??.?	288°/186NM LEGAZPI (LGP) VOR/DME
OSHIMA	HONSHU-JAPAN	309-49	34?.??? N 139.??.?	288°/186NM YOKOTA (OKO) VOR/DME
PAGAN	MARIANA SEC PACIFIC	309-50	18?.??? N 145.??.?	288°/186NM GANTZ (GNZ) VOR/DME
PAGAN	MARIANA SEC PACIFIC	309-50	18?.??? N 145.??.?	288°/186NM GANTZ (GNZ) VOR/DME
PARKER	LUZON-PHILIPPINES	703-07	06?.??? N 125.??.?	288°/186NM DAVAO (DVO) VOR/DME
PUTIAN	LUZON-PHILIPPINES	703-08	06?.??? N 125.??.?	288°/186NM DAVAO (DVO) VOR/DME
RAIKOKE	KURIL IS	309-51	48?.??? N 153.??.?	288°/186NM PETROPAVLOVSK (PKC) VOR/DME
RASHUA	KURIL IS	309-52	48?.??? N 154.??.?	288°/186NM PETROPAVLOVSK (PKC) VOR/DME
SAKURAJIMA	KYUSHU-JAPAN	309-53	31?.??? N 130.??.?	288°/186NM KAGOSHIMA (KAG) VOR/DME
SANGAY	ECUADOR	309-54	02?.??? S 078.??.?	288°/186NM QUITO (UIO) VOR/DME
SARIGAN	MARIANA SEC PACIFIC	309-55	16?.??? N 145.??.?	288°/186NM GANTZ (GNZ