



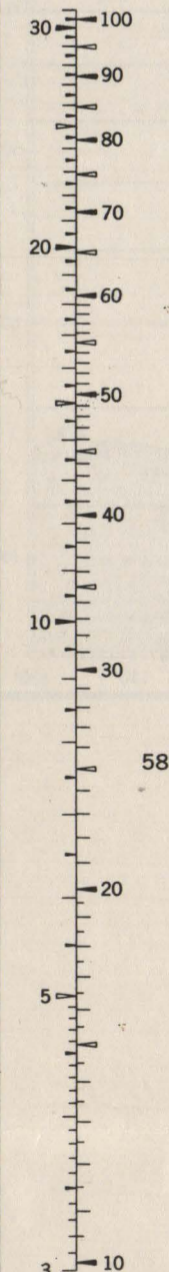
CAUTION
RELIEF DATA
INCOMPLETE
ELEVATIONS
IN FEET
1955

CAUTION - Gradient limits defined by dashed
contour lines indicate approximate relief only

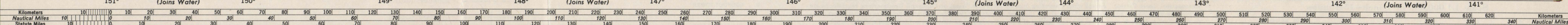
CONTOUR
INTERVAL 1000'

(Joins 136) (Overlaps 118)

59°
ALTITUDE
CONVERSION
SCALE



Meters Feet
For conversions
above 100 feet,
add the number
of eights to the
figures on both
sides of scale.



AERONAUTICAL SYMBOLS

AERODROMES

LANDPLANE SEAPLANE

COMPLETE FACILITIES INCLUDES REFUELING SERVICES, COMPLETE REPAIRS, SHELTER AND WHERE APPLICABLE PASSENGER OR CARGO SERVICES AND/OR SEAPLANE RAMP WITH PAULING/OUT FACILITIES

LIMITED FACILITIES INCLUDES REFUELING SERVICES FOR NORMAL TRAFFIC AND LIMITED REPAIR FACILITIES

LIMITED OR NO FACILITIES

LIMITED OR NO FACILITIES OR INFORMATION THEREON NOT COMPLETE

AIRPORTS-COMplete FACILITIES

AIRFIELDS OR SEAPLANE PORTS - LIMITED FACILITIES

LANDPLANE SEAPLANE

ELEVATION IN FEET (SEA LEVEL)

MINIMUM LIGHTING

NORMALLY SHELTERED TAKE OFF AREA

LENGTH OF LONGEST RUNWAY TO NEAREST HUNDRED FEET

ELEVATION IN FEET (SEA LEVEL)

MINIMUM LIGHTING

NORMALLY SHELTERED TAKE OFF AREA

LENGTH OF LONGEST RUNWAY TO NEAREST HUNDRED FEET

GCA SYSTEM - GROUND CONTROL APPROACH SYSTEM, OTHER CONTROLLED APPROACH SYSTEMS BY APPROPRIATE SYMBOL

WHEN SPECIFIC INFORMATION PERTAINS TO LANDING FACILITY DATA IS LACKING, THE RESPECTIVE CHARACTER WILL BE REPLACED BY A DASH (-)

AERODROME DATA

LANDPLANE SEAPLANE

ELEVATION IN FEET (SEA LEVEL)

MINIMUM LIGHTING

NORMALLY SHELTERED TAKE OFF AREA

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AIR NAVIGATION LIGHTS

ROTATING LIGHT (NUMERALS IN ITALICS INDICATE ELEVATION ABOVE MEAN SEA LEVEL)

FLASHING LIGHT (WITH CODE)

OBSTRUCTION LIGHT (WITH CODE)

MARINE LIGHT (WITH COURSE LIGHTS)

LIGHTSHIP

MARINE LIGHT CHARACTERISTICS

Fixed Flashing: Alternating Green-Red-White-Green

Blue (Unlimited) Sector: Red-Green

MARINE LIGHTS ARE RED AND WHITE UNLESS OTHERWISE INDICATED.

MARINE LIGHTS ARE WHITE UNLESS OTHERWISE INDICATED.

RADIO FACILITIES

USE OF THE WORD "RADIO" WITHIN THE BOX INDICATES VOICE FACILITIES.

RADIO RANGE (WITH VOICE)

RADIO COMMUNICATION STATION (WITHOUT VOICE)

RADIO RANGE (WITHOUT VOICE)

RADIO BROADCASTING STATION

MARINE RADIO BEACON (WITHOUT VOICE)

RADIO FAN MARKER BEACON

RADIO DIRECTION FINDER (WITH VOICE)

RADIO BEACON, NON-DIRECTIONAL (TOMBING)

RADIO COMMUNICATION STATION (WITH VOICE)

REPORTING POINT

AURAL RANGE

The heavy line indicates the "N" quadrant. The bearings shown are magnetic and the magnetic variation at the position of the ground station is used for computing them.

MISCELLANEOUS

MOORING MAST

DIRIGIBLE BASE

OCEAN STATION VESSEL (NORMAL POSITION)

LIGHTED OBSTRUCTION

OBSTRUCTION (NUMERALS IN ITALICS INDICATE ELEVATION ABOVE SEA LEVEL OF TOP, WHERE REQUIRED; HEIGHTS ABOVE GROUND SHALL BE ADDED IN UPRIGHT TYPE WITH PARENTHESES)

CIVIL AIRWAY-LIMIT OF

VISUAL GROUND SIGN

TOWN HAVING VISUAL GROUND SIGN

PROMINENT TRANSMISSION LINE

ISOGONIC LINE OR ISOGONAL

PROHIBITED AREA

DANGER OR RESTRICTED AREA

CAUTION AREA

HIGH EXPLOSIVES AREA (UNMARKED)

HIGH EXPLOSIVES AREA (MARKED)

INTERNATIONAL BOUNDARY CLOSED TO PASSAGE OF AIRCRAFT EXCEPT THROUGH AIR CORRIDOR

GROUND TO AIR EMERGENCY CODE DISTRESS SIGNALS

REQUIRE DOCTOR, SERIOUS INJURY AND RADIO

REQUIRE MEDICAL SUPPLY

UNABLE TO PROCEED

REQUIRE FOOD AND WATER

REQUIRE FIREARMS AND AMMUNITION

REQUIRE MAP AND COMPASS

REQUIRE SIGNAL LAMP WITH BATTERY AND RADIO

INDICATE DIRECTION TO PROCEED

AM PROCEEDING IN THIS DIRECTION

WILL ATTEMPT TAKE-OFF

AIRCRAFT SERIOUSLY DAMAGED

PROBABLY SAFE TO LAND HERE

UNRELIABLE, USE INTERNATIONAL SIGNALS

REQUIRE FUEL AND OIL

ALL WELL

NO

YES

NOT UNDERSTOOD

REQUIRE MECHANIC

Scale 1:1,000,000 or 1 inch = 15.8 miles

0 20 40 60 80 Kilometers

0 10 20 30 40 50 60 Nautical Miles

0 10 20 30 40 50 60 70 80 Miles



WORLD AERONAUTICAL CHART INDEX

Scale of Series 1:1,000,000

Authorized agents for the sale of aeronautical charts have been appointed at certain airports throughout the United States for the distribution of aeronautical charts. A list of these agents, with the dates of latest prints of charts, will be printed from time to time in Notices to Airmen. This information may also be obtained from the Director, U. S. Coast and Geodetic Survey.

Requests for charts may also be made to the Director, U. S. Coast and Geodetic Survey, Washington 25, D. C., or to authorized dealers.

A discount of 33-1/3% from full published prices is allowed on aeronautical and auxiliary charts amounting to \$10 gross when made in one shipment to one address. Charts are not returnable.

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MILITARY CHART SUPPLY

(Ref: AAF Reg. 65-82, dated 26 Apr., 1944)

1. Aeronautical charts, maps and publications distributed by Aeronautical Chart Service are indexed or listed in the current edition of the AF "Catalog of Aeronautical Charts and Related Publications." Miscellaneous maps and charts not appearing in the Catalog will be procured and furnished by Aeronautical Chart Service through special order, when sufficiently identified in requisitions as to name or number, scale, projection, and publisher if known.

2. Requisitioning.

a. Outside Continental United States:

(1) AF activities are to submit requisitions to the supply facility designated by the Theater Commander for maintenance and distribution of aeronautical charts and maps.

(2) Theater supply facilities are to submit requisitions for replenishment of stocks of aeronautical charts and maps through channels to Headquarters AF, Aeronautical Chart Service, Washington, D. C.

b. Within Continental United States: Requisitions from AF activities within Continental United States are to be submitted to appropriate Regional Store as shown on Aeronautical Chart Supply System geographic diagram in AF Aeronautical Chart Catalog. Except when emanating from an Air Force, Wing, or Command Headquarters, requisitions are to bear the signature or approval by indorsement of the Base or Station Operations Officer. Quantities of charts and maps requested are to be such as to assure the maintenance of a 30-day supply at all times but not to exceed a 60-day supply.

3. Obsolete Charts.

a. Aeronautical charts rendered obsolete-for-air by a revised edition, when not practicable to correct for conformity with new edition, are to be salvaged if feasible, or else destroyed. Disposition by salvage or destruction is to be made in accordance with provisions of AR 890-5.

DRAINAGE FEATURES

SHORE LINES (RELIABLE & UNRELIABLE)

MUD & TIDAL FLATS

CORAL REEFS & LEDGES

SHOALS & SAND BARS

CHARTED ROCK

DANGER LINES

RIVERS & LAKE (PERENNIAL)

RIVERS & LAKE (NON-PERENNIAL)

RIVERS & STREAMS (CORRIBLABLE)

RAPIDS & FALLS

WASH (BLUE AND BROWN)

CANALS

ABANDONED CANAL

TUNNEL (CANAL)

DRY LAKE BED (BLUE AND BROWN)

RELIEF FEATURES

CONTOURS

APPROXIMATE CONTOURS

HACHURES

BLUFF, CLIFF OR ESCARPMENT

LAVA FLOW

SAND DUNES

SAND AREA

SAND RIDGES

LEVEE OR ESKER

SPOT ELEVATIONS (IN FEET)

HIGHEST ELEV ON CHART (IN FEET)

CULTURAL FEATURES

PROMINENT LANDMARKS (WITH APPROPRIATE NOTES)

OIL TANKS

OIL FIELD

MINE

LOOKOUT TOWER

RANGER STATION

COAST GUARD STATION

RACE TRACK OR STADIUM

DAMS

PIPE LINE

BOUNDARY (INTERNATIONAL)

BOUNDARY (STATE)

OVERPASS (RAILROAD)

UNDERPASS (RAILROAD)

BRIDGE (RAILROAD)

TUNNEL (RAILROAD)

RAILROAD (SINGLE TRACK)

RAILROAD (MULTIPLE TRACKS)

RAILROAD (ABANDONED)

HIGHWAY (DUAL LANE)

HIGHWAY (MAIN ROUTE)

HIGHWAY (SECONDARY ROUTE)

TRAIL

BRIDGE (HIGHWAY)

TUNNEL (HIGHWAY)