9 PANELS ABCD 1" = 60 NM

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T-1 PANELS EFGH

DOD
FLIGHT INFORMATION PUBLICATION
ENROUTE
EASTERN EUROPE AND ASIA

All Geographic coordinates are compatible with the World Geodetic System (WGS-84)

LEGEND

AIRPORTS

Airports shown in BLUE have an appropriate (High and/or Low) approved DOD Instrument Approach Procedure and/or DOD Radar Minima published in FLIPs. Airports shown in BROWN do not have a DOD Instrument Approach Procedure or approved Radar Minima published in FLIPs. Airport Symbols may be offset for navigation aids.

Military
Civil
Joint Military-Civil
Heliport

Indicates Fixed-Wing SVFR operations are prohibited — NO SVFR
Elevation in feet MSL
Automatic Terminal Information Service. ATIS frequency (Star indicates operation less than continuous).
Name (ICAO) 213 * ⓛ 9742 ATIS * 109.5
Name (ICAO) 213 — 9742s
No runway lighting
Runway lighting available. Asterisk indicates lighting on request. Oval indicates Pilot Controlled Lighting (PCL). NOTE: Lighting not shown on High Altitude Enroute charts.
Length of longest runway including displaced thresholds.
Indicates other than hard surface

RADIO AIDS TO NAVIGATION AND COMMUNICATION BOXES

NAVAIDS

(VHF/UHF Data is depicted in BLACK. LF/MF Data is depicted in BROWN.)

Compass Rose with Magnetic North indicator
VORTAC VOR VOR/DME TACAN

Compass Rose and Magnetic North indicator: VHF/UHF NAVAIDS oriented to assigned/slave Magnetic North (when known) or to Magnetic North (when assigned/slave is unknown). All LF/MF NAVAIDS oriented to Magnetic North.

LF/MF NDB or Marine Radio Beacon
UHF NDB
NDB/DME

Remote Communications Outlet (RCO)
122.2 HONOLULU — Frequency and Controlling name
RCO Facility Name

DATA BOXES FOR RADIO AIDS TO NAVIGATION

(VHF/UHF Data is depicted in BLACK. LF/MF Data is depicted in BROWN.)

* indicates operation is less than continuous.
Underline indicates no voice on this frequency. TACAN channels are without voice, but are not underlined.
Frequency protected effective range in nautical miles/altitude in thousands of feet or FL. Figure represents the lowest of known restriction values.

123.6 122.6T
122.1R
HONOLULU
NAME
*000.0 NME 00(Y)
(200/40) Ⓢ
000 NAM 00(Y)
N00°00.0'
W00°00.0'

Overprinted data indicates abnormal status
Flight Service Station (FSS) Frequencies and Controlling Name. T-transmit only. R-receive only.
(Y) indicates TACAN must be placed in "Y" mode to receive distance information.
Ⓢ Indicates Enroute Supplement contains variations in frequency protection data.
Coordinates are shown when the NAVAID is used to define an ATS route.

AIR TRAFFIC SERVICES AND AIRSPACE INFORMATION

ATS ROUTE DATA

VHF/UHF data is depicted in BLACK
RNAV/GPS data is depicted in BLUE
LF/MF data is depicted in BROWN

Route data for identical VHF/UHF and LF/MF route segments are shown in BLACK only.

VHF/UHF ATS Route
RNAV/GPS Route
LF/MF ATS Route
Advisory Route and Flight Information Route Corridor lateral limits.

Advisory Route width is portrayed as 10 NM each side of airway centerline when the host country value is unknown or exceeds 20 NM total width.

Military IFR Route
Substitute/Alternate Route Structure. See NOTAMs for facility outages.
◄210-(VR32)-030► Direct Route
VR32 ATS Routes B12
N739 RNAV/GPS Route
DR19 Advisory Routes DR39
A00 Oceanic Routes A00
B10 One Direction Flight R39
Conditional Routes
Unusable Segment
000.0 NME 00 Facility Locators used in formation of reporting points
000 Radial outbound from a VHF/UHF NAVAID
000 Bearing inbound to a LF/MF NAVAID
000 Unusable Radial or Bearing
000 Total Mileage between NAVAIDs and/or Compulsory Reporting Points
00 Mileage between other Reporting Points, NAVAIDs and/or Mileage Breakdown
Denotes DME fix (distance same as ATS Route mileage)
00 DME Radial Line and Mileage
x (AA010) Mileage Breakdown or Computer Nav Fix (CNF) (no ATC function)
00 VHF/UHF Changeover Point giving mileage to NAVAIDs. (Not shown at mid-point locations)

FLIGHT ALTITUDE AND DIRECTION

Cruising levels that apply within the airway vertical limits when opposite the cruising level diagram: (A-B N/A in RVSM airspace)

A ► for one-way or two-way routes refers to FL30, 50, 70,...., 210, 230, 250, 270, 290, 330, 370, etc. (B levels apply in the opposite direction)

B ► on one-way routes refers to FL40, 60, 80,...., 200, 220, 240, 260, 280, 310, 350, etc.

FL200 / 3000 Vertical Limits of Control
MAA-00000 Maximum Authorized Altitude (MAA)
00000 Minimum Flight Altitude (MFA) (Applies to DOD Charts only)
#00000 Minimum Flight Altitude (MFA) (# indicates MFA derived by NGA)
MFA or Vertical Limit change made at other than NAVAIDs.
Minimum Reception Altitude (MRA)
Minimum Crossing Altitude (MCA)

REPORTING POINTS

▲ Compulsory △ Non-compulsory

RNAV/GPS WAYPOINTS
Compulsory
Fly Over Wpt — Fly By Wpt
Non-Compulsory
Fly Over Wpt — Fly By Wpt

(MAC50) Parentheses indicates Computer Nav Fix (CNF) or NGA derived name
Off-set arrows indicate facility forming a reporting point (toward LF/MF, away from VHF/UHF)
◄NR► NR► Non-compulsory reporting indicator. No report required at next compulsory reporting point.

BOUNDARIES

Air Defense Identification Zone (ADIZ) or German Identification Zone
Flight Information Region (FIR)
FIR Sector
Upper Information Region (UIR)
UIR Sector
Combined FIR/UIR
Control Zone (CTLZ), Special Rules Zone (SRZ)
Control Area (CTA), Special Rules Area (SRA), and Oceanic Control Areas (OCA)
CTA/TCA Sector, Upper Control Area (UTA)
ARTCC, ACC
Advisory Area
Non-Free Flying Area (teeth point to area. Does not define International boundary.)
Buffer Zone (teeth point to area)
French Peripheral Classification Line
Radar Area Boundary
De Facto Boundary
International Boundary
(omitted when in conflict with more important aeronautical information or to relieve congestion. Disclaimer notes are shown where applicable.)
Area of Enlargement / Chart Series Overlap Data is incomplete.
See Blow-Up, Terminal Area Charts, or overlapping charts for complete detail.
Chart Overlap Area
Official Time Zone

AIRSPACE INFORMATION

Open area (white) indicates controlled airspace (includes CTA/UTA/SRA)
Shaded area (brown), other than LF/MF ATS Route ribbon, indicates uncontrolled airspace.

Type of Air Traffic Service
ICAO Identifier
Airspace Classification
Vertical limits of control
NAME HSSS CLASS G FL245 GND CON 120.5
TCA/MTCA
A/G Voice call and frequency

MISCELLANEOUS

3⁵ Off Route Terrain Clearance Altitude (ORTCA)
1°E Isogonic line and value
Holding Pattern (Standard)

COORDINATES ARE TO TENTH OF A MINUTE WHEN AVAILABLE.
MILEAGES ARE NAUTICAL.
RADIALS AND BEARINGS ARE MAGNETIC.
"T" INDICATES TRUE HEADING FOR RNAV ROUTES.
ALTITUDES ARE MSL UNLESS OTHERWISE INDICATED.
TIME IS COORDINATED UNIVERSAL TIME (UTC).
++DURING PERIODS OF DAYLIGHT SAVING TIME (DT) EFFECTIVE HOURS WILL BE ONE HOUR EARLIER THAN SHOWN.

SPECIAL USE AIRSPACE

(LFR 123) ① AREA 123 ② TO FL000 MON-FRI 0600-1800Z ③ VMC ④ NAME CENTER AREA CON ⑤

P = Prohibited
R = Restricted
D = Danger
A = Alert
W = Warning
TRA = Temporary Reserved Airspace
TSA = Temporary Segregated Airspace

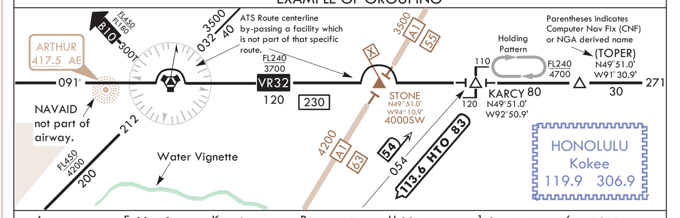
† Indicates complete information tabulated on front panel, Terminal Area Charts or Blow-Up.

MILITARY OPERATIONS AREA (MOA) — MOA 16 5000 TO FL400

SPECIAL USE AIRSPACE DATA INCLUDES:

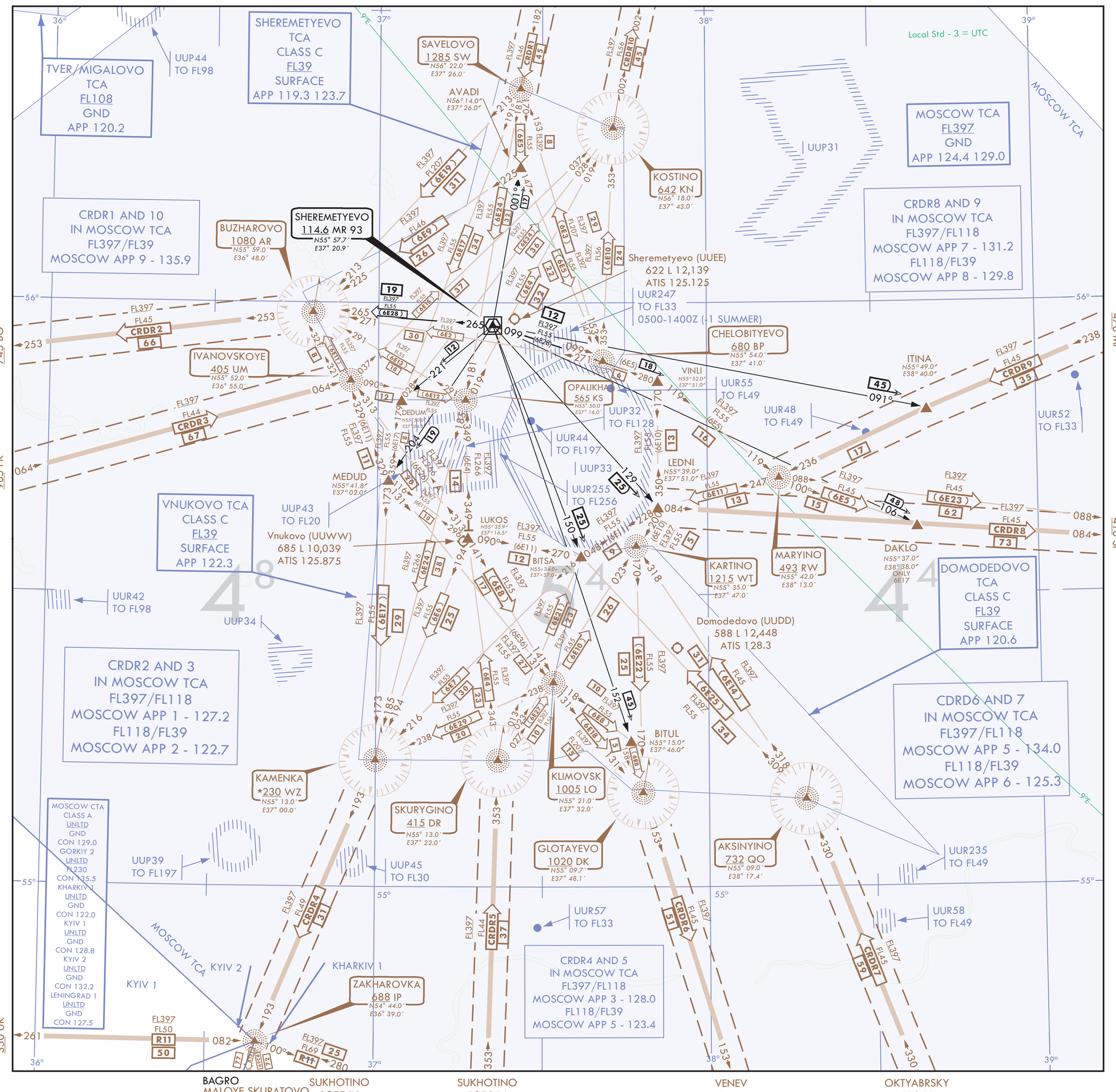
① Nationality Letters and Area Identification. If a country has not been assigned a complete airspace designator, the missing elements, enclosed in parentheses have been added by NGA.
② Effective Altitude when other than unlimited.
③ Operating Times. When continuous, no time is shown. DAYS=SR-SS NIGHTS=SS-SR
④ Weather conditions during which the area is in operation. When continuous, no weather is shown. VMC: Used only during VMC. IMC: Used only during IMC.
⑤ Voice call-sign of the Controlling Agency A/G for clearance through the area. No A/G unless indicated.

EXAMPLE OF GROUPING



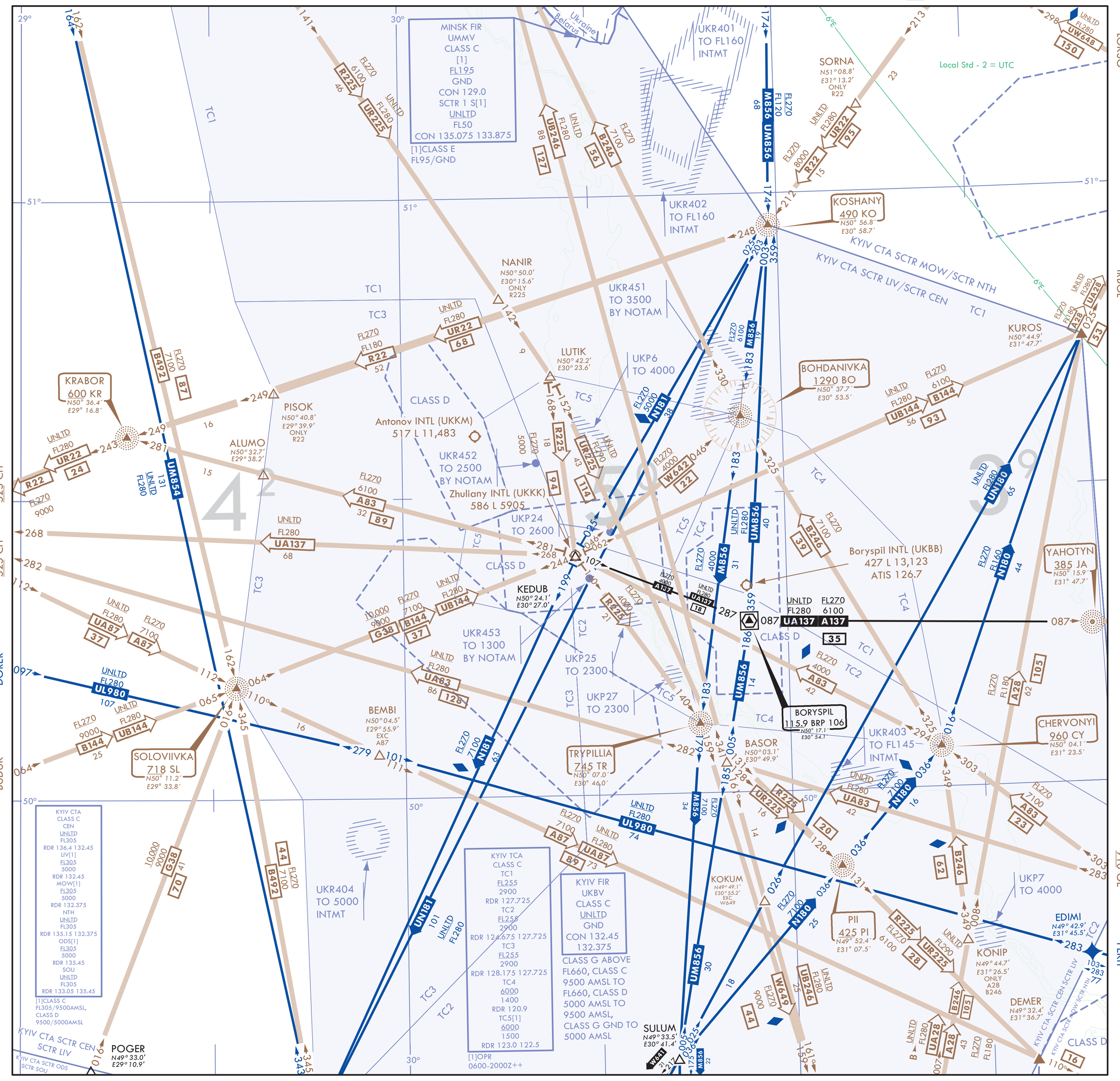
A •—	F ••—•	K —•—	P •——•	U ••—	1 •————	6 —••••
B —•••	G ——•	L •—••	Q ——•—	V •••—	2 ••———	7 ——•••
C —•—•	H ••••	M ——	R •—•	W •——	3 •••——	8 ———••
D —••	I ••	N —•	S •••	X —••—	4 ••••—	9 ————•
E •	J •———	O ———	T —	Y —•——	5 •••••	0 —————
				Z ——••		

E Moscow — MOSCOW AREA 1" = 12NM (ON CHART 2) T-1 — Moscow E



10 0 NAUTICAL MILES 10 20 30 40 50 60 70 80 90 1" = 12NM 100
1 NM INCREMENTS

F Kyiv — KYIV AREA 1" = 12NM (ON CHARTS 1, 3) T-1 — Kyiv F



10 0 NAUTICAL MILES 10 20 30 40 50 60 70 80 90 1" = 12NM 100
1 NM INCREMENTS

G T-1 G H T-1 H

E T-1 E F T-1 F G T-1 G H T-1 H