RNAV1 (DME/DME or GNSS) STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

DISTANCES IN NAUTICAL MILES
TRACKS ARE MAGNETIC
ALTITUDES AND ELEVATIONS ARE IN FEET

LONDON LUTON
UNDUG 1N SIRIC 1N

APP	129.550	LUTON RADAR
TWR	132.555, 126.730*	LUTON TOWER
RAD	128.750*	LUTON DIRECTOR
ATIS	120.580	LUTON INFORMATION

* See EGGW AD 2.18 for details.

WAYPOINTS
UNDUG : 504723.71N 0002530.03E
MAY : 510101.86N 0000658.04E
SIRIC : 512036.17N 0013358.89W
NIGIT : 511846.96N 0011014.71W
VATON : 512603.83N 0002056.10W
OZZOT : 514028.93N 0000952.93W
BPK : 514459.05N 0000624.25W
ILLOC : 515517.20N 0001056.60E
OXDUF : 520636.20N 0001900.00E
COCCU : 521604.34N 0000322.02W
JUMZI : 521943.58N 0002430.31W
ZAGZO : 521812.97N 0001352.54W

Scale 1:1 000 000

TRANSITION ALTITUDE 6000
TRANSITION LEVEL ATC
AREA MNM ALT (x100) 24

ZAGZO MAX 220KIAS FL080
JUMZI
COCCU MAX 220KIAS
1 MIN HOLDING MAX 220KIAS FL140 FL080
OXDUF
ILLOC
BROOKMANS PARK BPK MAX 250KIAS
OZZOT FL150
VATON
NIGIT
SIRIC FL180
MAYFIELD MAY FL200
UNDUG
1.5 MIN HOLDING MAX 240KIAS FL200 FL180
1.5 MIN HOLDING MAX 240KIAS FL240 FL200

WARNING
Do not proceed beyond ZAGZO without ATC clearance.

DESCENT PLANNING
Pilots should plan for possible descent clearance as detailed in the table below.
ACTUAL DESCENT CLEARANCE WILL BE AS DIRECTED BY ATC.

WARNING
For MInimum Descent Rate requirements See ENR 1.1.3.2.

R214 2400 SFC
D129 FL120 SFC
D218A FL75 SFC
R156 2500 SFC
R157 1400 SFC
R158 1400 SFC
R159 1400 SFC
R160 UNL SFC
R161 2500 SFC
R107 2000 SFC
R104 2400 SFC
R101 2400 SFC
D128 1400 (OCNL 50000) SFC
D126 1400 (OCNL FL090) SFC
D122C FL160 FL080
D127 12000 SFC
D133B 1200 (OCNL 2400) SFC
D133A 1200 SFC
D132 2500 SFC
D130 1800 (OCNL 2300) SFC

VAR 1.2°E - 2027
N
Annual Rate of Change 0.17°E

ROUTE DESIGNATOR	VIA	ROUTE	LEVELS	
UNDUG 1N	(U)M733	UNDUG - MAY - VATON - OZZOT - BPK - ILLOC - OXDUF - COCCU - JUMZI, then turn right to intercept course 148° to ZAGZO.	MAY OZZOT ZAGZO	FL200 FL150 FL080
SIRIC 1N	P2	SIRIC - NIGIT - VATON - OZZOT - BPK - ILLOC - OXDUF - COCCU - JUMZI, then turn right to intercept course 148° to ZAGZO.	BEDEK OZZOT ZAGZO	FL180 FL150 FL080

GENERAL INFORMATION
1 Standard Routes may be varied at the discretion of ATC.
2 Adhere to maximum speed limits where specified by waypoint constraints.
3 Maximum 250KIAS below FL100 unless authorised by ATC.
4 Aircraft may be instructed "Direct to" (waypoint) following radar vectoring.
5 En-route holding may be required at **UNDUG** or **VATON** as directed by ATC.

CHANGE (1/26): MAG INFO REVISED. MAG HEADINGS. EGR161 ADDED. SPECIFICATION CHANGE.