

NOISE ABATEMENT

LT minus 2 HOURS = UTC (Z)

DEPARTURES

The below procedures apply to jet aircraft and may be disregarded if at 3440' or when leveled off by ATC or when leveled by SID.

- | | |
|-------------------|--|
| Take-off to 1940' | <ul style="list-style-type: none">- take-off power;- take-off flaps;- climb at $V_2 + 10$ to 20 KT or as limited by body angle;- depending on ACFT type, the take-off power/thrust may be reduced at a lower altitude; |
| At 1940' | <ul style="list-style-type: none">- reduce thrust (if not already reduced) to not less than climb power/thrust; |
| 1940' to 3440' | <ul style="list-style-type: none">- climb at $V_2 + 10$ to 20 KT; |
| At 3440' | <ul style="list-style-type: none">- accelerate smoothly to en-route climb speed with flap retraction on schedule. |

No jet aircraft are to use RWY or TWY intersection for take-off between 2200-0600LT.

RUN-UP TESTS

| Engine run-ups only allowed on THR of RWY 24.

FAEL/ELS

Apt Elev **435'**

S33 02.1 E027 49.3

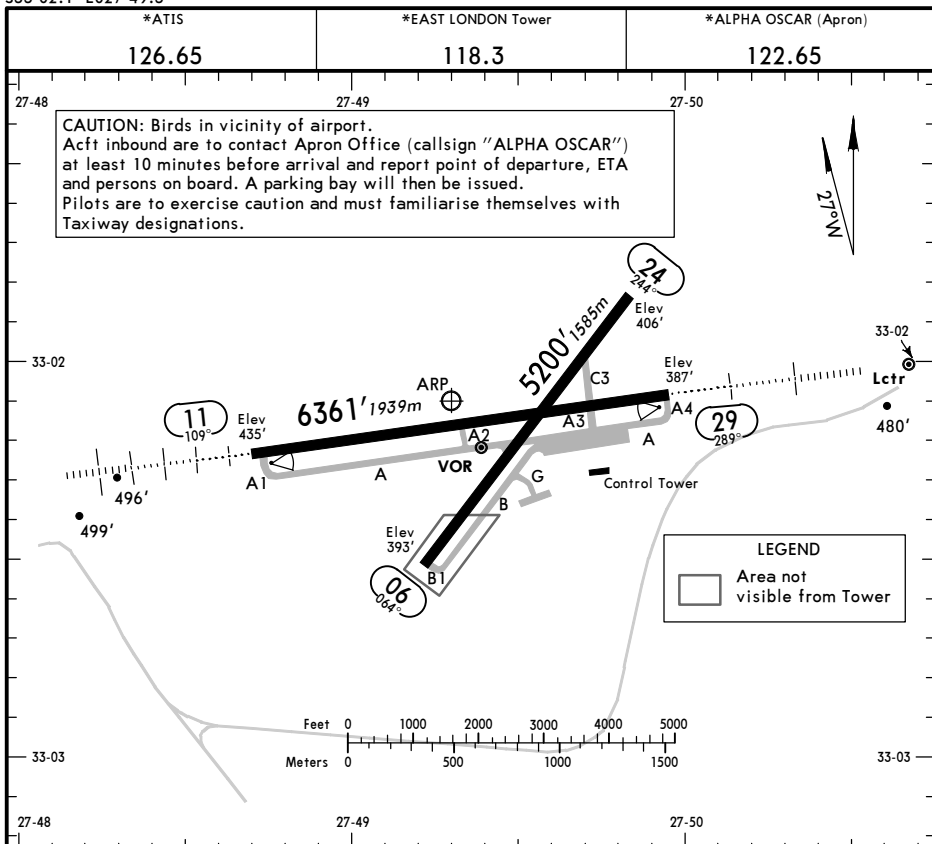
JEPPESSEN EAST LONDON, S AFR REP

22 MAR 13

(10-9)

Eff 4 Apr

EAST LONDON



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Landing Beyond Glide Slope		
06 24	RL PAPI-L (angle 3.0°)				150' 46m
11 29	HIRL HIALS PAPI-L (angle 3.0°)	RVR	5146' 1569m 5450' 1661m		150' 46m

JAR-OPS

TAKE-OFF 1

All Rwy's

LVP must be in Force

RCLM (DAY only)
or RLRCLM (DAY only)
or RLNIL
(DAY only)

A			
B	250m	400m	500m
C			
D	300m		

1 Operators applying U.S. Ops Specs: CL required below 300m.

STRAIGHT-IN RWY		A	B	C	D
11	ILS	635'(200')	635'(200')	635'(200')	635'(200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT APPLICABLE			
29	VOR ❶	1120'(685')	1120'(685')	1120'(685')	1120'(685')
		R1500m	R1500m	C2400m	C2400m
	ILS	587'(200')	587'(200')	587'(200')	587'(200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT APPLICABLE			
	VOR Z ❷	810'(423')	810'(423')	810'(423')	810'(423')
		R1300m	R1300m	R1300m	R1300m
	ALS out	R1500m	R1500m	R2000m	R2000m
	VOR Y ❸	1060'(673')	1060'(673')	1060'(673')	1060'(673')
		R1500m	R1500m	C2400m	C2400m

- ❶ Continuous Descent Final Approach.
- ❷ Missed apch climb gradient mim 5.0%.
- ❸ Missed apch climb gradient mim 2.5%.

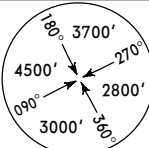
CIRCLE-TO-LAND ❶	A	B	C	D
	MINIMUMS NOT YET ESTABLISHED BY S AFR REP CAA			

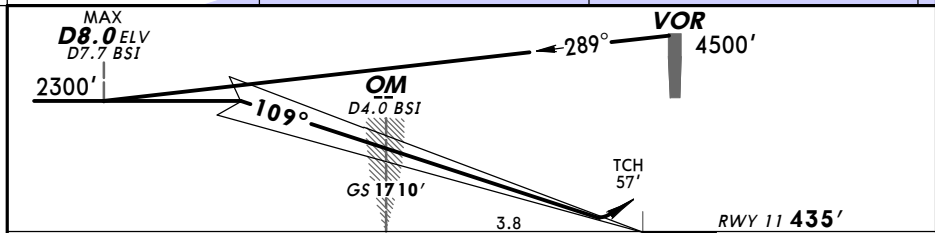
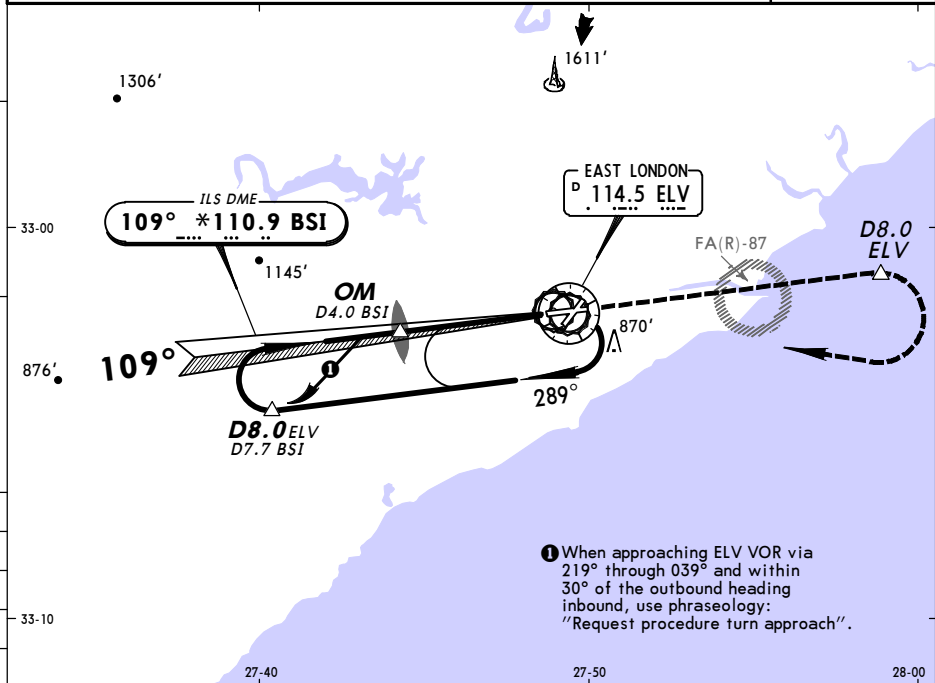
❶ Entirely at pilots discretion.

TAKE-OFF RWY 06, 11, 24, 29

LVP must be in force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m ❶	400m	500m
B			
C			
D	300m		


❶ Operators applying U.S. Ops Specs: CL required below 300m.

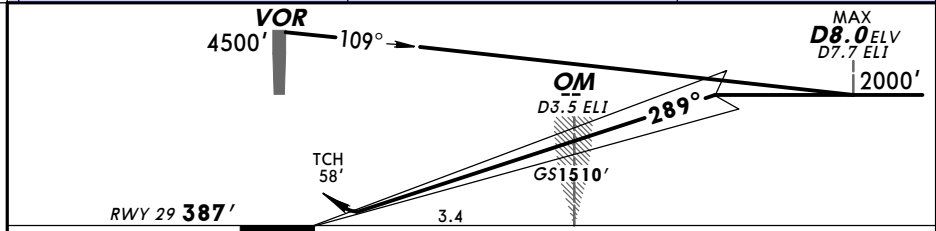
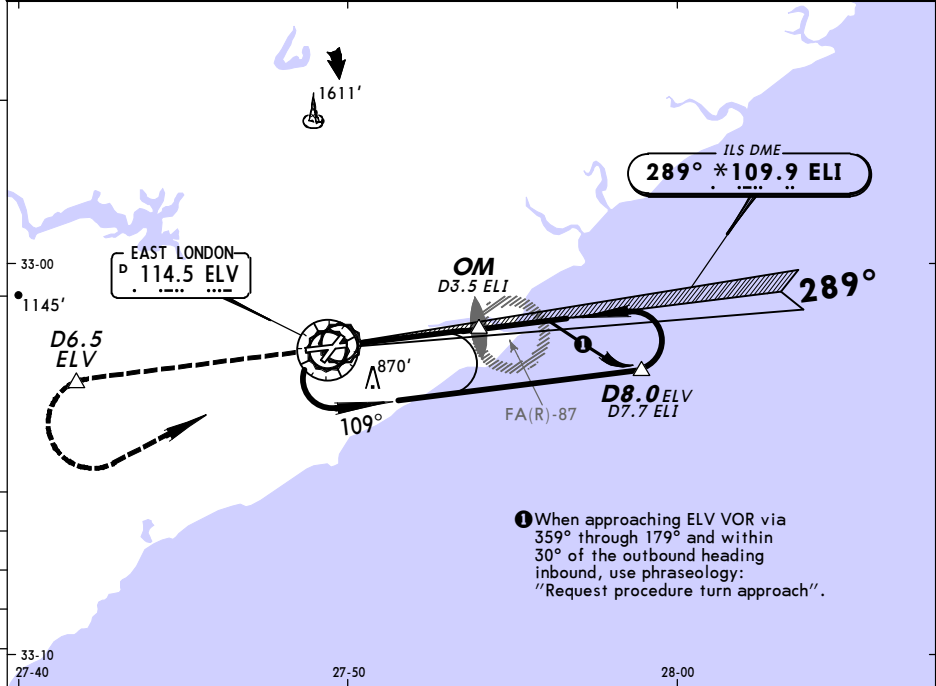
*ATIS 126.65		*EAST LONDON Approach 120.1		*EAST LONDON Tower (outside APP hr) 118.3	
LOC BSI *110.9	Final Apch Crs 109°	GS OM 1710' (1275')	ILS DA(H) 635' (200')	Apt Elev 435' RWY 435'	
MISSED APCH: Climb to 4500'. Track rwy heading until passing 3000' or D8.0 ELV, whichever is earlier, then turn RIGHT to VOR and hold, or as directed.					
Alt Set: hPa VOR and DME required.		Rwy Elev: 16 hPa	Trans level: By ATC	Trans alt: 7000'	



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	RWY hdg	3000'	whichever is earlier	D8.0 ELV
GS	3.00°	372	478	531	637	743					

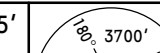
JAR - OPS		STRAIGHT-IN LANDING RWY 11				CIRCLE-TO-LAND			
ILS DA(H) 635' (200')		LOC (GS out)				ENTIRELY AT PILOTS DISCRETION			
FULL		ALS out							
A									
B									
C	RVR 550m		RVR 1000m						
D									
		NOT APPLICABLE				MINIMUMS NOT YET ESTABLISHED BY S AFR REP CAA			

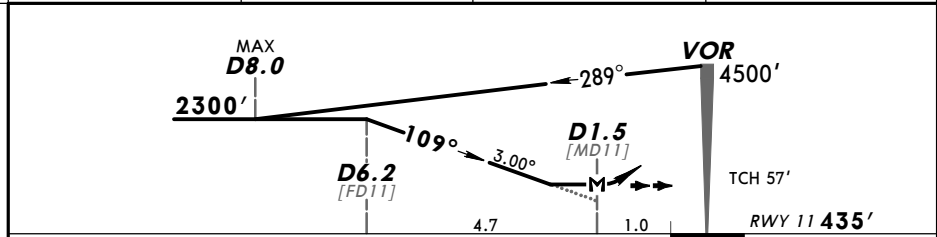
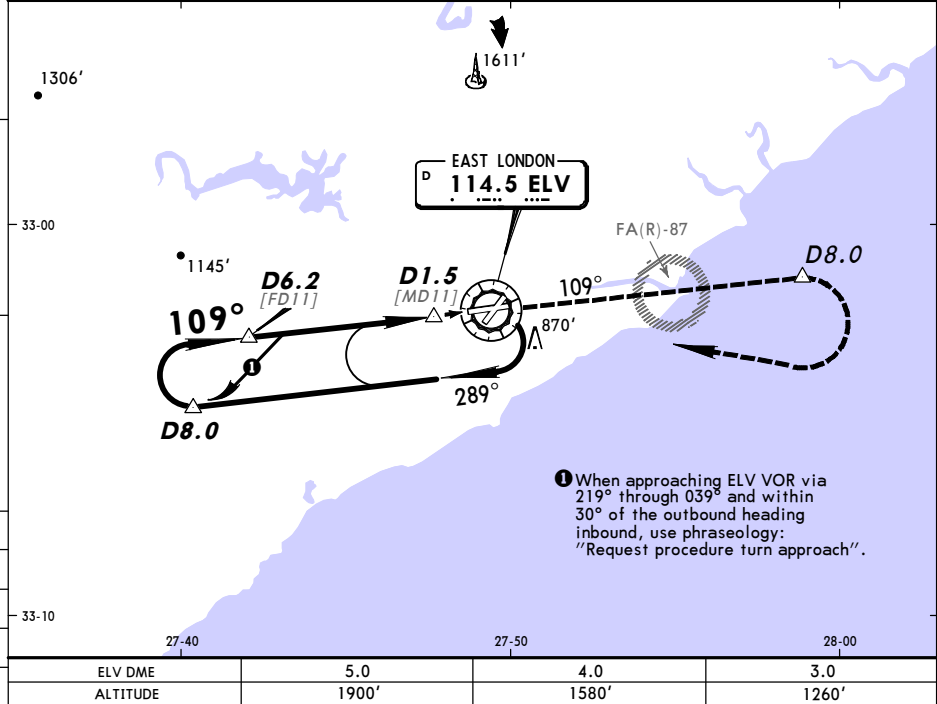
*ATIS 126.65		*EAST LONDON Approach 120.1		*EAST LONDON Tower (outside APP hr) 118.3	
LOC ELI *109.9	Final Apch Crs 289°	GS OM 1510' (1123')	ILS DA(H) 587' (200')	Apt Elev 435' RWY 387'	 MSA ELV VOR
MISSED APCH: Climb to 4500'. Track rwy heading until passing 3000' or D6.5 ELV, whichever is earlier, then turn LEFT to VOR and hold, or as directed.					
Alt Set: hPa VOR and DME required.		Rwy Elev: 14 hPa	Trans level: By ATC Trans alt: 7000'		



Gnd speed-Kts	70	90	100	120	140	160	HIALS		RWY	3000'	D6.5
GS	3.00°	372	478	531	637	743	PAPI		hdg	↑	ELV

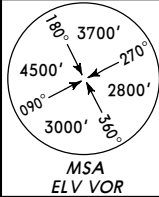
JAR-OPS		STRAIGHT-IN LANDING RWY 29			CIRCLE-TO-LAND	
ILS		LOC (GS out)			ENTIRELY AT PILOTS DISCRETION	
DA(H) 587' (200')						
FULL		ALS out				
A						
B						
C	RVR 550m	RVR 1000m				
D			NOT APPLICABLE			
					MINIMUMS NOT YET ESTABLISHED BY S AFR REP CAA	

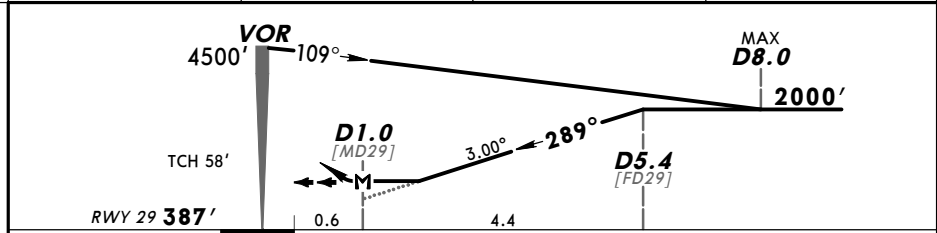
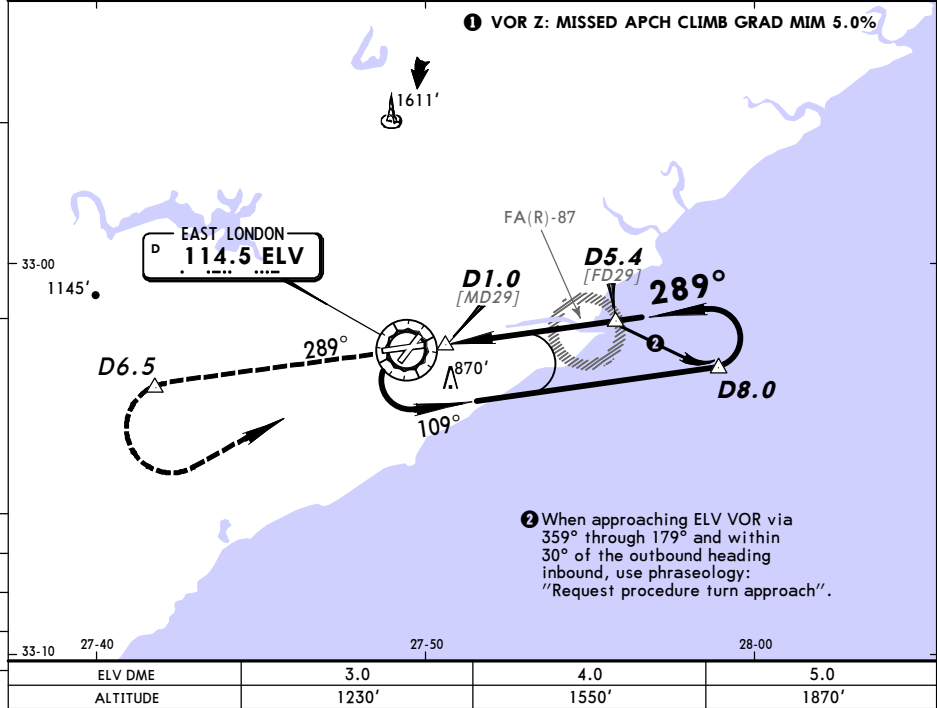
*ATIS 126.65		*EAST LONDON Approach (R) 120.1		*EAST LONDON Tower (outside APP hr) 118.3	
VOR ELV 114.5	Final Apch Crs 109°	Minimum Alt D6.2 2300' (1865')	MDA(H) 1120' (685')	Apt Elev 435' RWY 435'	
MISSED APCH: Climb to 4500'. Climb to VOR, then climb on R-109 to 3000' or D8.0, whichever is earlier. Then turn RIGHT to VOR and hold, or as directed.					
Alt Set: hPa DME required.		Rwy Elev: 16 hPa	Trans level: By ATC Trans alt: 7000'		
					MSA ELV VOR




Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	ELV 114.5	3000'	D8.0	ELV 114.5
Descent Angle 3.00°	372	478	531	637	743	849		↑	↑	↑	↑
MAP at D1.5											

JAR-OPS			STRAIGHT-IN LANDING RWY 11			CIRCLE-TO-LAND		
			MDA(H) 1120' (685')			ENTIRELY AT PILOTS DISCRETION		
			ALS out			MINIMUMS NOT YET ESTABLISHED BY S AFR REP CAA		
A	RVR 1200m		RVR 1500m					
B								
C	RVR 1400m		RVR 2000m					
D	RVR 1800m							

*ATIS 126.65		*EAST LONDON Approach (R) 120.1		*EAST LONDON Tower (outside APP hr) 118.3	
VOR ELV 114.5	Final Apch Crs 289°	Minimum Alt D5.4 2000' (1613')	MDA(H) Refer to Minimums	Apt Elev 435' RWY 387'	
MISSED APCH: Climb to 4500'. Climb to VOR, then climb on R-289 to 3000' or D6.5, whichever is earlier. Then turn LEFT to VOR and hold, or as directed.					
Alt Set: hPa DME required.		Rwy Elev: 14 hPa	Trans level: By ATC	Trans alt: 7000'	



Gnd speed-Kts	70	90	100	120	140	160		ELV 114.5	3000'	D6.5	ELV 114.5
Descent Angle 3.00°	372	478	531	637	743	849		↑	↑	↑	↑
MAP at D1.0									↑	↑	↑

JAR-OPS				STRAIGHT-IN LANDING RWY 29				CIRCLE-TO-LAND			
VOR Z		VOR Y		VOR Z		VOR Y		VOR Z		VOR Y	
Missed apch climb grad mim 5.0%		Missed apch climb grad mim 2.5%		Missed apch climb grad mim 5.0%		Missed apch climb grad mim 2.5%		Missed apch climb grad mim 5.0%		Missed apch climb grad mim 2.5%	
MDA(H) 810' (423')		MDA(H) 1060' (673')		MDA(H) 810' (423')		MDA(H) 1060' (673')		MDA(H) 810' (423')		MDA(H) 1060' (673')	
ALS out		ALS out		ALS out		ALS out		ALS out		ALS out	
A	RVR 900m	RVR 1500m	RVR 1200m	RVR 1500m	RVR 1200m	RVR 1500m	RVR 1200m	RVR 1500m	RVR 1200m	RVR 1500m	RVR 1200m
B	RVR 1000m										
C	RVR 1000m	RVR 1800m	RVR 1400m	RVR 1500m	RVR 1400m	RVR 1500m	RVR 1400m	RVR 1500m	RVR 1400m	RVR 1500m	RVR 1400m
D	RVR 1400m	RVR 2000m	RVR 1800m	RVR 1500m	RVR 1800m	RVR 1500m	RVR 1800m	RVR 1500m	RVR 1800m	RVR 1500m	RVR 1800m
MINIMUMS NOT YET ESTABLISHED BY S AFR REP CAA											