

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 18-2010

TERMINAL CHART NOTAMs

Chart NOTAMs for Airport HESH

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

Ufn all RNAV SIDs and STARs suspended.

HESH (Sharm El Sheikh Intl)**General Info**

Sharm El Sheikh, EGY

N 27° 58.7' E 34° 23.6' Mag Var: 2.7°E

Elevation: 143'

Public, IFR, Control Tower, Rotating Beacon, Customs, Landing Fee

Fuel: Jet A-1

Time Zone Info: GMT+2:00 uses DST

Runway Info

Runway 04L-22R 10108' x 148' asphalt

Runway 04R-22L 10108' x 148' asphalt

Runway 04L (40.0°M) TDZE 134'

Lights: Edge, ALS

Runway 04R (40.0°M) TDZE 114'

Lights: Edge, ALS

Runway 22L (220.0°M) TDZE 117'

Lights: Edge, ALS

Runway 22R (220.0°M) TDZE 119'

Lights: Edge, ALS

Communications InfoATIS **134.0**Sharm El Sheikh Tower **118.9**Sharm El Sheikh Ground Control **121.9**Sharm El Sheikh Radar **122.6** SecondarySharm El Sheikh Radar **121.1****Notebook Info**

HESH/SSH

SHARM EL SHEIKH INTL

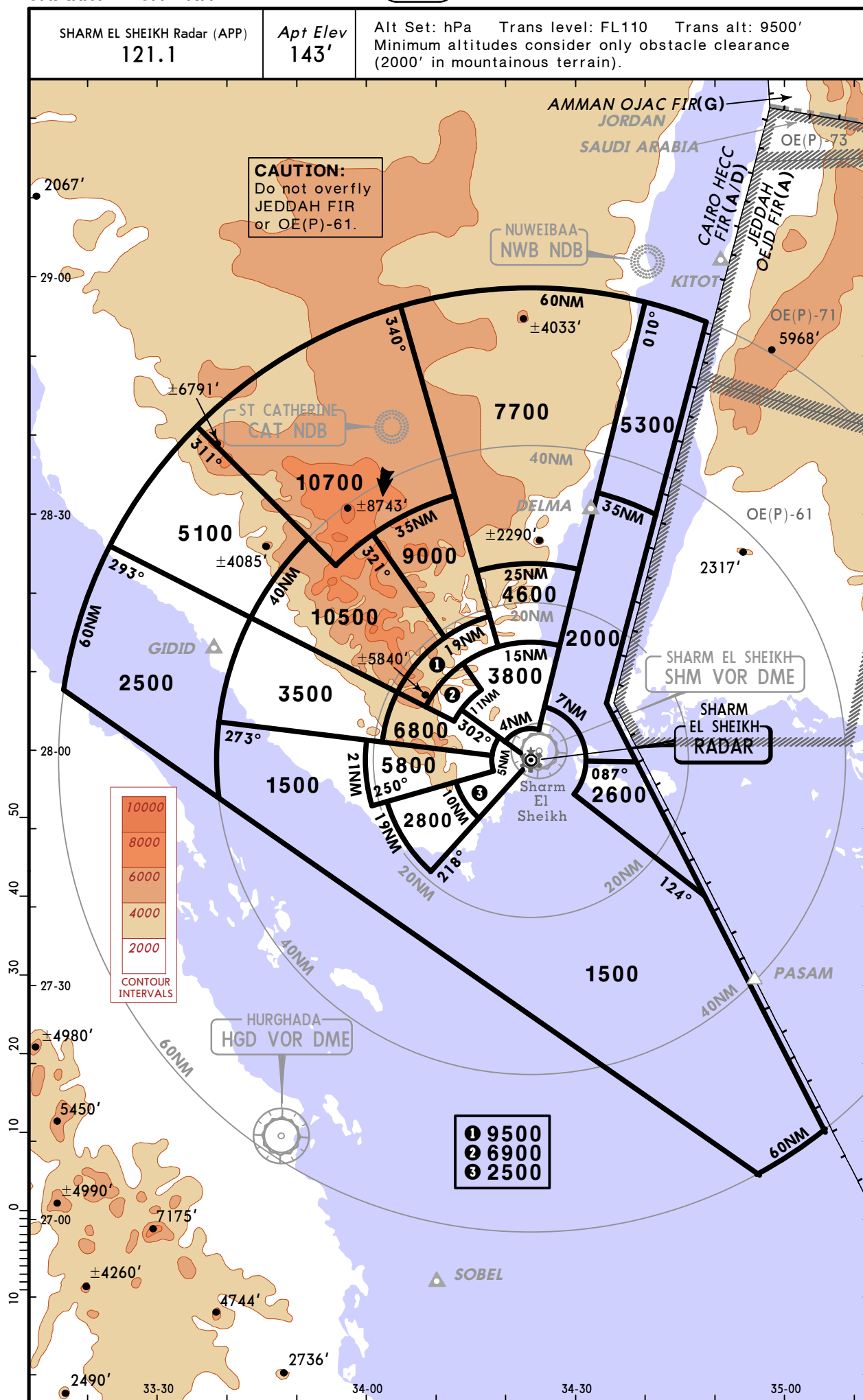
11 MAY 07

(10-1R)

JEPPesen

SHARM EL SHEIKH, EGYPT

RADAR MINIMUM ALTITUDES



HESH/SSH

SHARM EL SHEIKH INTL

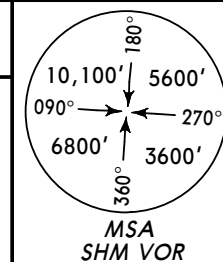
12 MAR 10

10-2

JEPPESSEN SHARM EL SHEIKH, EGYPT

RNAV STAR

ATIS 134.0
Apt Elev 143'
Alt Set: hPa
Trans level: FL110 Trans alt: 9500'



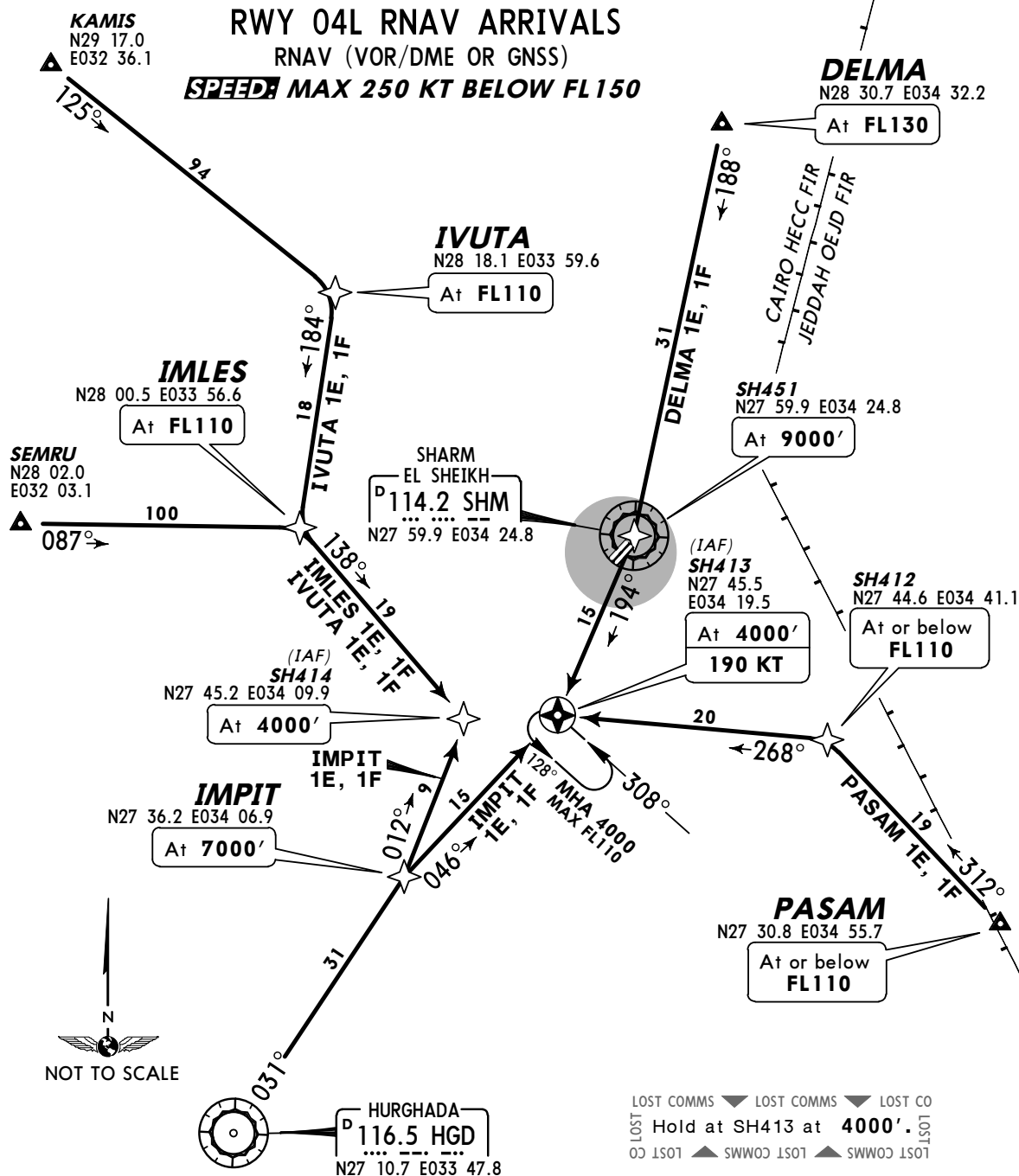
DELMA 1E [DELM1E], IMLES 1E [IMLE1E]
IMPIT 1E [IMP11E], IVUTA 1E [IVUT1E]
PASAM 1E [PASA1E]
RWY 04R RNAV ARRIVALS

DELMA 1F [DELM1F], IMLES 1F [IMLE1F]
IMPIT 1F [IMP11F], IVUTA 1F [IVUT1F]
PASAM 1F [PASA1F]
RWY 04L RNAV ARRIVALS

RNAV (VOR/DME OR GNSS)

SPEED MAX 250 KT BELOW FL150

CAUTION:
Do not overfly
JEDDAH FIR.

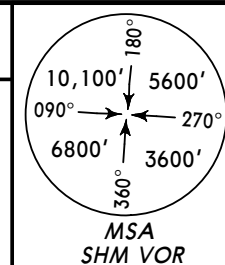


STAR	ROUTING
DELMA 1E, 1F	DELMA (FL130) - SH451 (9000') - SH413 (4000'; K190).
IMLES 1E, 1F	IMLES (FL110) - SH414 (4000').
IMPIT 1E, 1F	IMPIT (7000') - SH413 (4000'; K190) or SH414 (4000').
IVUTA 1E, 1F	IVUTA (FL110) - IMLES (FL110) - SH414 (4000').
PASAM 1E, 1F	PASAM (FL110-) - SH412 (FL110-) - SH413 (4000'; K190).

HESH/SSH
SHARM EL SHEIKH INTL

JEPPESSEN SHARM EL SHEIKH, EGYPT
12 MAR 10 **(10-2A)** **RNAV STAR**

ATIS 134.0 Apt Elev 143' Alt Set: hPa
Trans level: FL110 Trans alt: 9500'



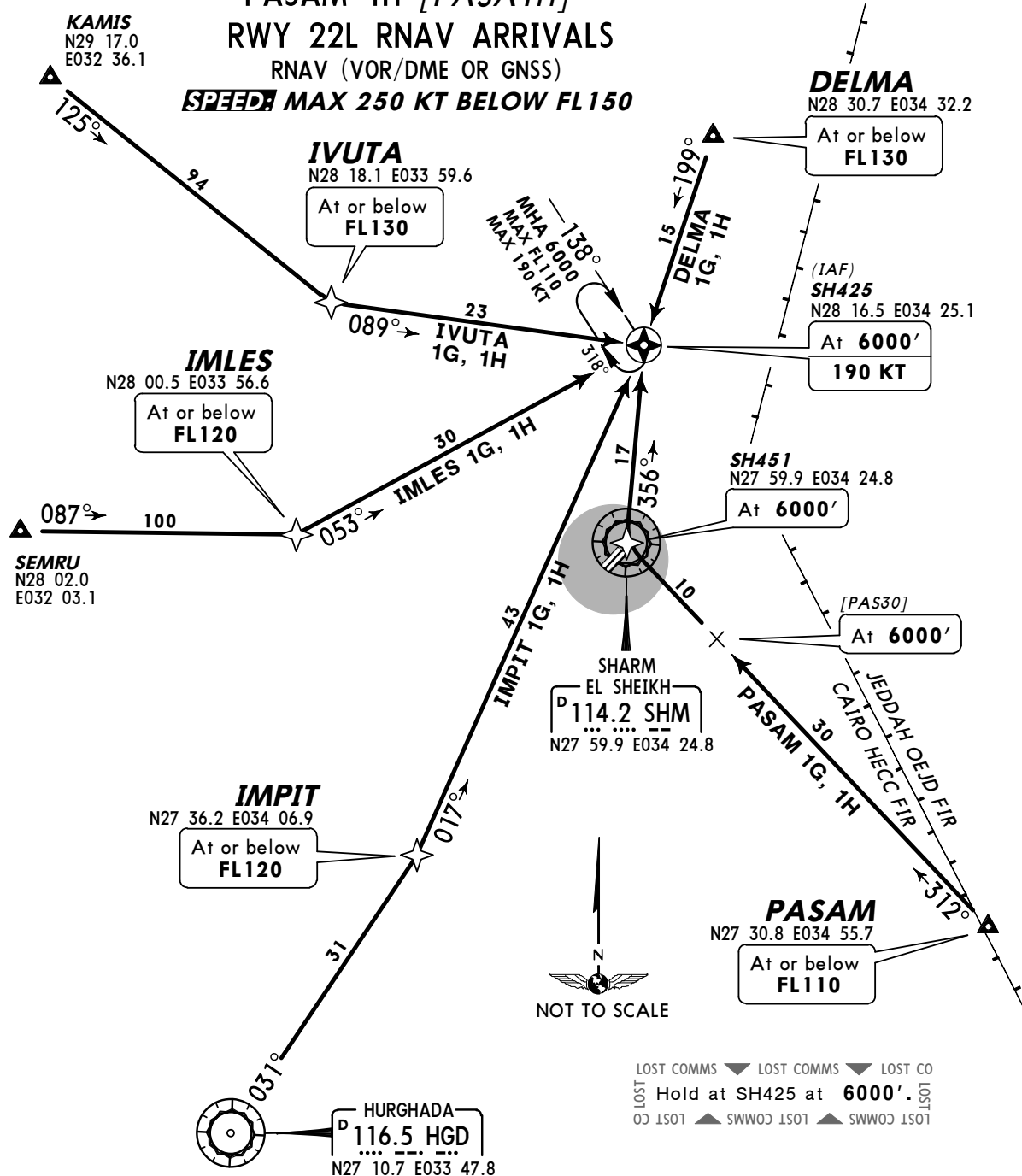
DELMA 1G [DELM1G], IMLES 1G [IMLE1G]
IMPIT 1G [IMP11G], IVUTA 1G [IVUT1G]
PASAM 1G [PASA1G]
RWY 22R RNAV ARRIVALS

DELMA 1H [DELM1H], IMLES 1H [IMLE1H]
IMPIT 1H [IMP11H], IVUTA 1H [IVUT1H]
PASAM 1H [PASA1H]
RWY 22L RNAV ARRIVALS

RNAV (VOR/DME OR GNSS)

~~SPEED~~ MAX 250 KT BELOW FL150

CAUTION:
Do not overfly
JEDDAH FIR.



STAR	ROUTING
DELMA 1G, 1H	DELMA (FL130-) - SH425 (6000'; K190).
IMLES 1G, 1H	IMLES (FL120-) - SH425 (6000'; K190).
IMPIT 1G, 1H	IMPIT (FL120-) - SH425 (6000'; K190).
IVUTA 1G, 1H	IVUTA (FL130-) - SH425 (6000'; K190).
PASAM 1G, 1H	PASAM (FL110-) - [PAS30] (6000') - SH451 (6000') - SH425 (6000'; K190).

HESH/SSH
SHARM EL SHEIKH INTL

JEPPESSEN SHARM EL SHEIKH, EGYPT
20 OCT 06 **10-3** **Eff 26 Oct** **RNAV SID**

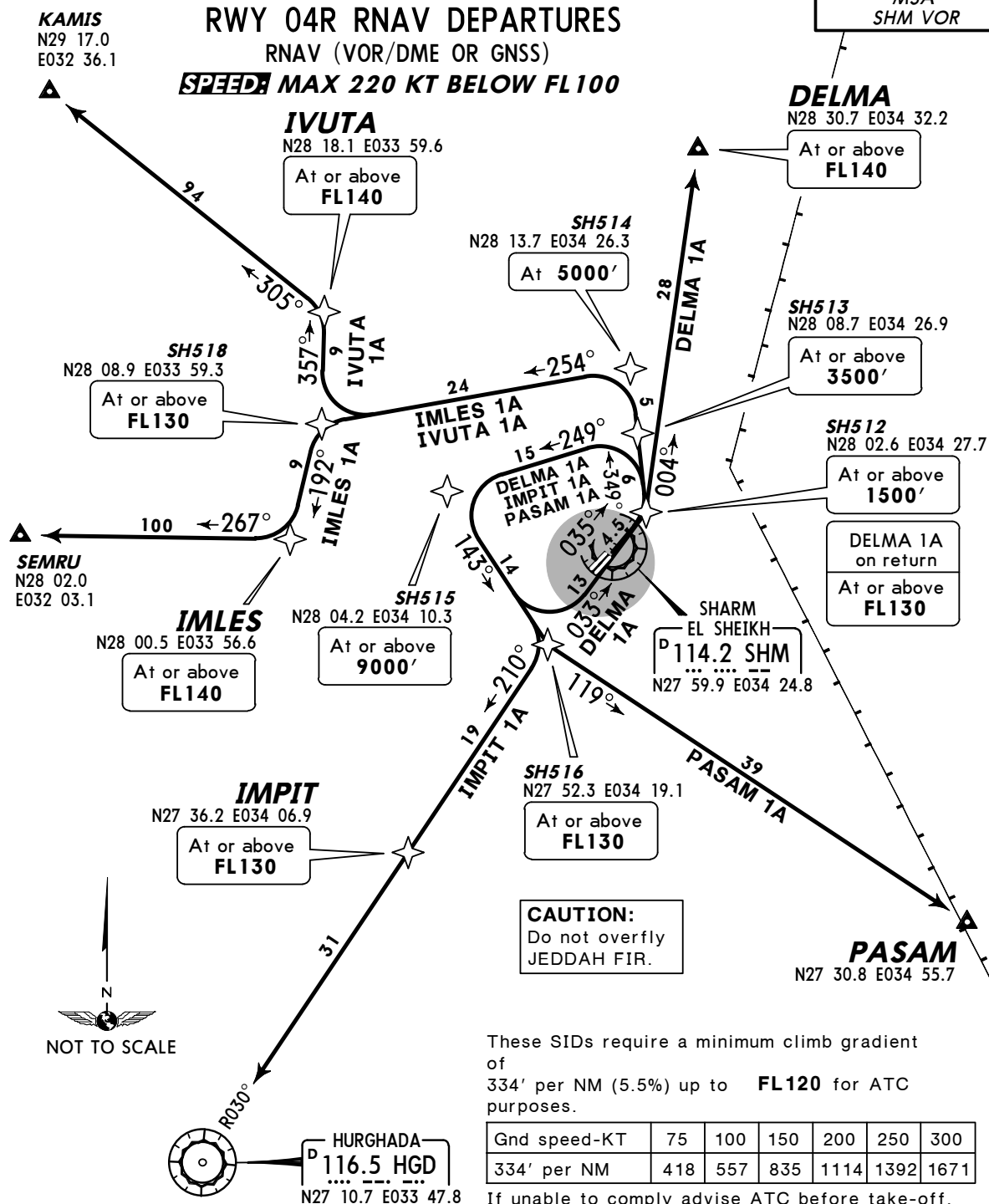
Apt Elev
143'
Trans level: FL110 Trans alt: 9500'
SIDs are also minimum noise routings.

**DELMA 1A [DELM1A], IMLES 1A [IMLE1A]
IMPIT 1A [IMPI1A], IVUTA 1A [IVUT1A]
PASAM 1A [PASA1A]**

RWY 04R RNAV DEPARTURES

RNAV (VOR/DME OR GNSS)

~~SPEED~~ MAX 220 KT BELOW FL100

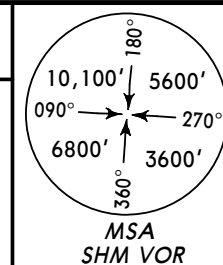


SID	ROUTING
DELMA 1A	Climb on 035° track to SH512 (1500'+) - SH513 (3500'+) - SH515 (9000'+) - SH516 (FL130+) - SH512 (FL130+) - DELMA (FL140+).
IMLES 1A	Climb on 035° track to SH512 (1500'+) - SH513 (3500'+) - SH514 (5000') - SH518 (FL130+) - IMLES (FL140+) - SEMRU.
IMPIT 1A	Climb on 035° track to SH512 (1500'+) - SH513 (3500'+) - SH515 (9000'+) - SH516 (FL130+) - IMPIT (FL130+) - HGD.
IVUTA 1A	Climb on 035° track to SH512 (1500'+) - SH513 (3500'+) - SH514 (5000') - SH518 (FL130+) - IVUTA (FL140+) - KAMIS.
PASAM 1A	Climb on 035° track to SH512 (1500'+) - SH513 (3500'+) - SH515 (9000'+) - SH516 (FL130+) - PASAM.

HESH/SSH
SHARM EL SHEIKH INTL

JEPPESSEN SHARM EL SHEIKH, EGYPT
20 OCT 06 **(10-3A)** **Eff 26 Oct** **RNAV SID**

Apt Elev
143'
Trans level: FL110 Trans alt: 9500'
SIDs are also minimum noise routings.

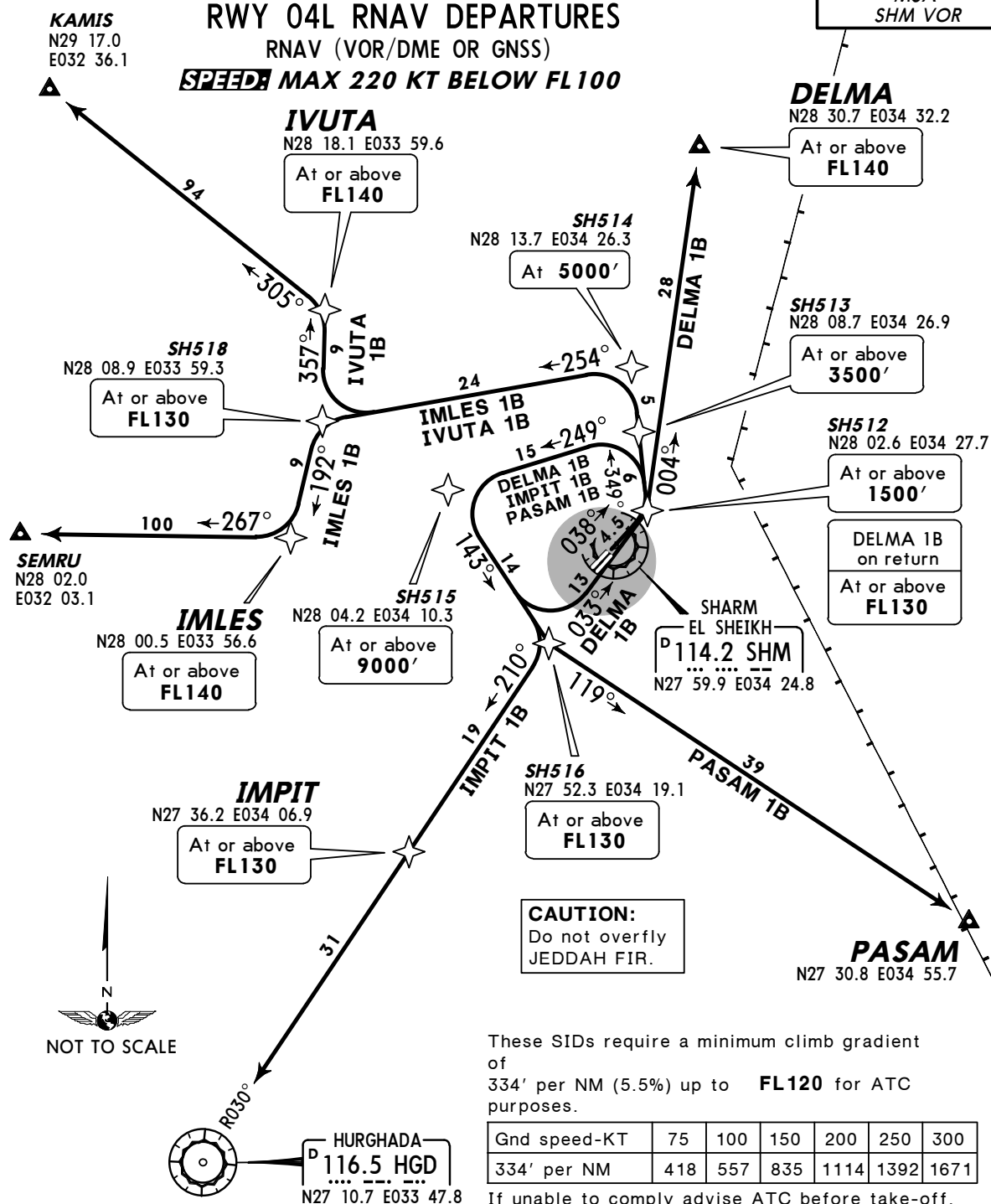


DELMA 1B [DELM1B], IMLES 1B [IMLE1B]
IMPIT 1B [IMP11B], IVUTA 1B [IVUT1B]
PASAM 1B [PASA1B]

RWY 04L RNAV DEPARTURES

RNAV (VOR/DME OR GNSS)

SPEED MAX 220 KT BELOW FL100

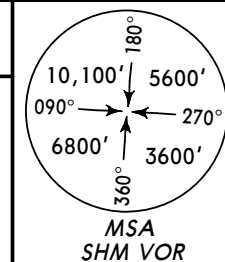


SID	ROUTING
DELMA 1B	Climb straight ahead to SH512 (1500'+) - SH513 (3500'+) - SH515 (9000'+) - SH516 (FL130+) - SH512 (FL130+) - DELMA (FL140+).
IMLES 1B	Climb straight ahead to SH512 (1500'+) - SH513 (3500'+) - SH514 (5000') - SH518 (FL130+) - IMLES (FL140+) - SEMRU.
IMPIT 1B	Climb straight ahead to SH512 (1500'+) - SH513 (3500'+) - SH515 (9000'+) - SH516 (FL130+) - IMPIT (FL130+) - HGD.
IVUTA 1B	Climb straight ahead to SH512 (1500'+) - SH513 (3500'+) - SH514 (5000') - SH518 (FL130+) - IVUTA (FL140+) - KAMIS.
PASAM 1B	Climb straight ahead to SH512 (1500'+) - SH513 (3500'+) - SH515 (9000'+) - SH516 (FL130+) - PASAM.

HESH/SSH
SHARM EL SHEIKH INTL

JEPPesenSHARM EL SHEIKH, EGYPT
20 OCT 06 **(10-3B)** **Eff 26 Oct** **RNAV SID**

Apt Elev
143'
Trans level: FL110 Trans alt: 9500'
SIDs are also minimum noise routings.

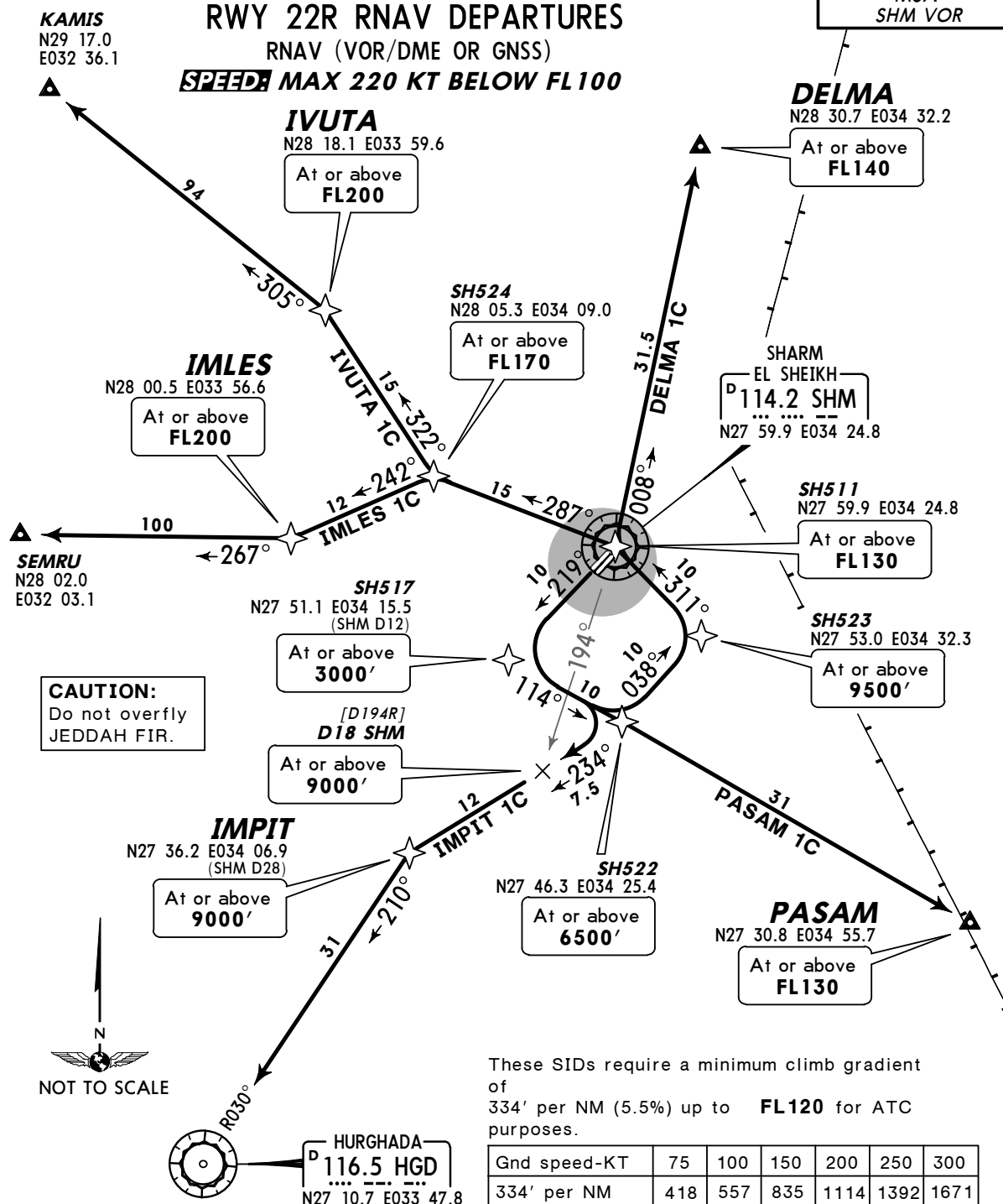


DELMA 1C [DELM1C], IMLES 1C [IMLE1C]
IMPIT 1C [IMP11C], IVUTA 1C [IVUT1C]
PASAM 1C [PASA1C]

RWY 22R RNAV DEPARTURES

RNAV (VOR/DME OR GNSS)

~~SPEED~~ MAX 220 KT BELOW FL100



These SIDs require a minimum climb gradient of 334' per NM (5.5%) up to **FL120** for ATC purposes.

Gnd speed-KT	75	100	150	200	250	300
334' per NM	418	557	835	1114	1392	1671

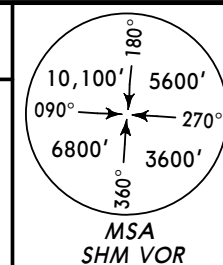
If unable to comply advise ATC before take-off.

SID	ROUTING
DELMA 1C	Climb on 219° track to SH517 (3000'+) - SH522 (6500'+) - SH523 (9500'+) - SH511 (FL130+) - DELMA (FL140+).
IMLES 1C	Climb on 219° track to SH517 (3000'+) - SH522 (6500'+) - SH523 (9500'+) - SH511 (FL130+) - SH524 (FL170+) - IMLES (FL200+) - SEMRU.
IMPIT 1C	Climb on 219° track to SH517 (3000'+) - SH522 (6500'+) - [D194R] (9000'+) - IMPIT (9000'+) - HGD.
IVUTA 1C	Climb on 219° track to SH517 (3000'+) - SH522 (6500'+) - SH523 (9500'+) - SH511 (FL130+) - SH524 (FL170+) - IVUTA (FL200+) - KAMIS.
PASAM 1C	Climb on 219° track to SH517 (3000'+) - SH522 (6500'+) - PASAM (FL130+).

HESH/SSH
SHARM EL SHEIKH INTL

JEPPesen SHARM EL SHEIKH, EGYPT
20 OCT 06 **(10-3C)** **Eff 26 Oct** **RNAV SID**

Apt Elev
143'
Trans level: FL110 Trans alt: 9500'
SIDs are also minimum noise routings.

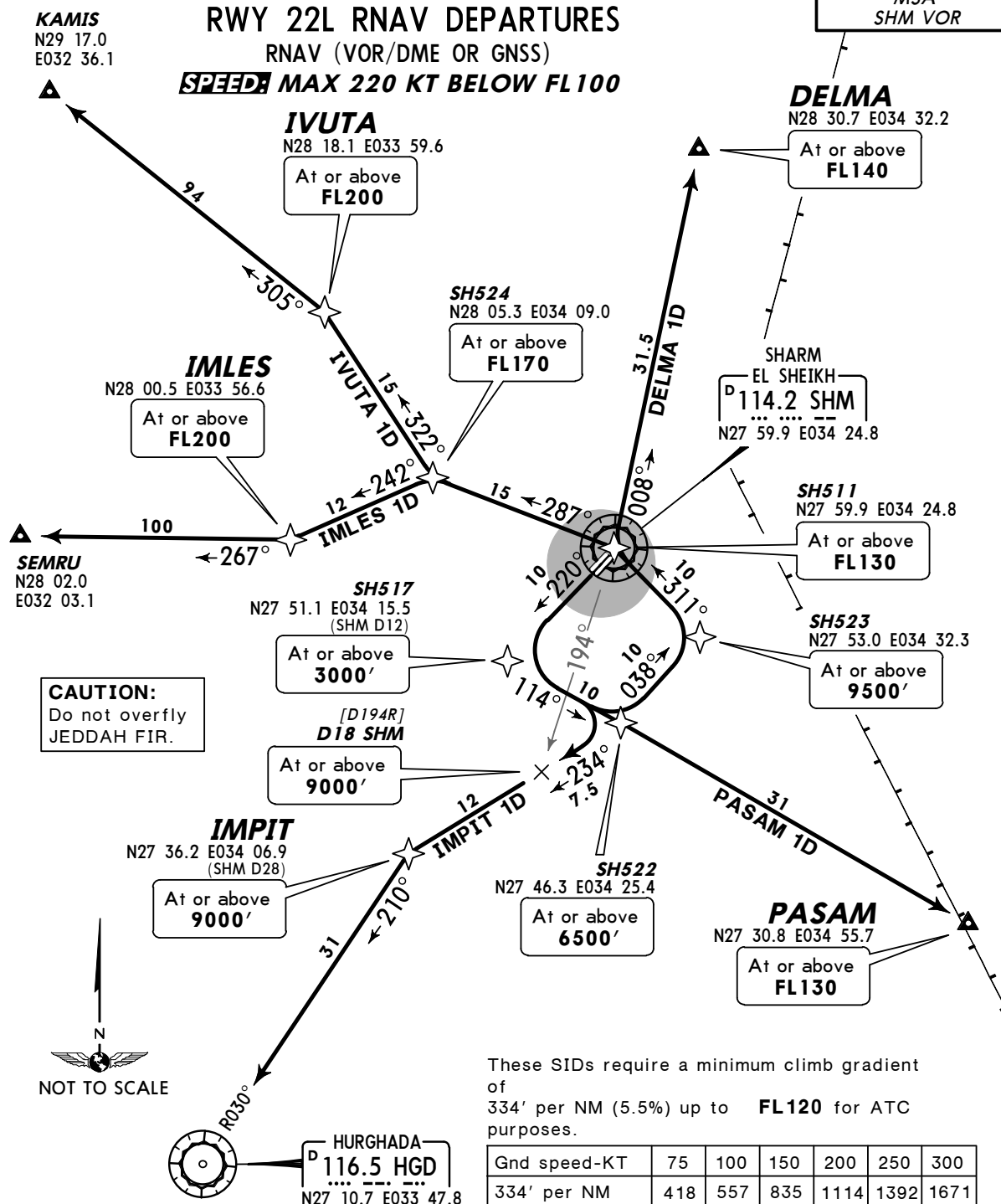


DELMA 1D [DELM1D], IMLES 1D [IMLE1D]
IMPIT 1D [IMPI1D], IVUTA 1D [IVUT1D]
PASAM 1D [PASA1D]

RWY 22L RNAV DEPARTURES

RNAV (VOR/DME OR GNSS)

SPEED MAX 220 KT BELOW FL100



These SIDs require a minimum climb gradient of 334' per NM (5.5%) up to **FL120** for ATC purposes.

Gnd speed-KT	75	100	150	200	250	300
334' per NM	418	557	835	1114	1392	1671

If unable to comply advise ATC before take-off.

SID	ROUTING
DELMA 1D	Climb on 220° track to SH517 (3000'+) - SH522 (6500'+) - SH523 (9500'+) - SH511 (FL130+) - DELMA (FL140+).
IMLES 1D	Climb on 220° track to SH517 (3000'+) - SH522 (6500'+) - SH523 (9500'+) - SH511 (FL130+) - SH524 (FL170+) - IMLES (FL200+) - SEMRU.
IMPIT 1D	Climb on 220° track to SH517 (3000'+) - SH522 (6500'+) - [D194R] (9000'+) - IMPIT (9000'+) - HGD.
IVUTA 1D	Climb on 220° track to SH517 (3000'+) - SH522 (6500'+) - SH523 (9500'+) - SH511 (FL130+) - SH524 (FL170+) - IVUTA (FL200+) - KAMIS.
PASAM 1D	Climb on 220° track to SH517 (3000'+) - SH522 (6500'+) - PASAM (FL130+).

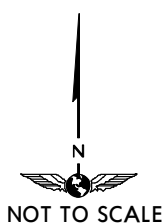
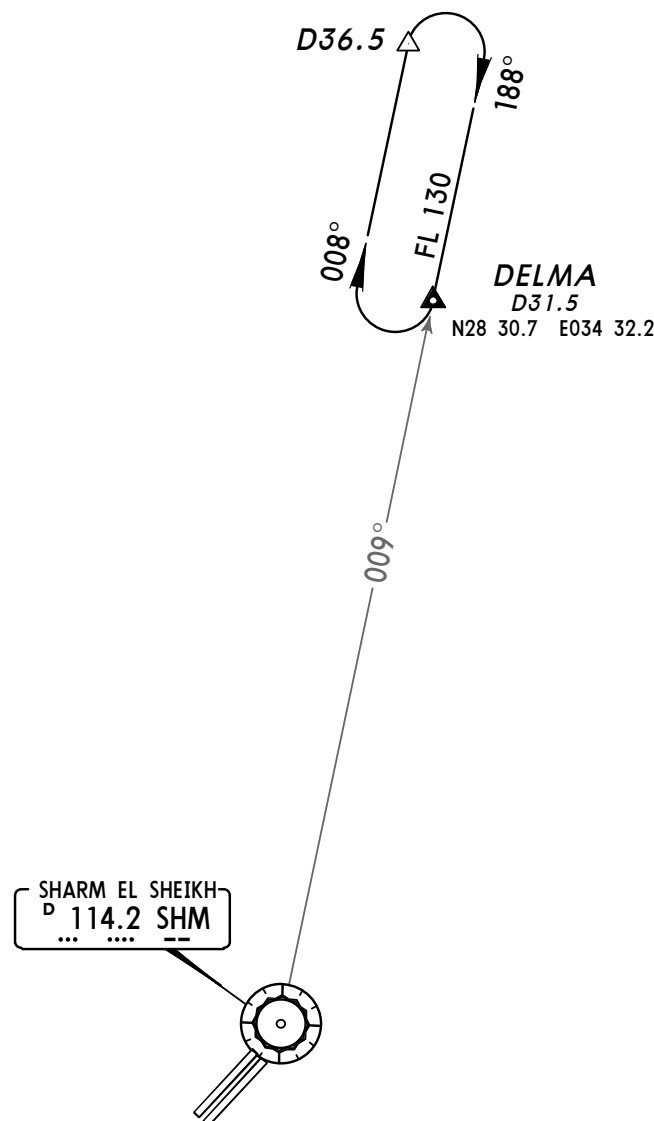
HESH/SSH

3 NOV 06 (10-8)

JEPPESEN SHARM EL SHEIKH, EGYPT
SHARM EL SHEIKH INTL

SHARM EL SHEIKH OUTER FIX HOLDING PROCEDURES

Only to be used, when excessive holdings are expected.
Vectors to compulsory reporting point DELMA will be
provided by ATC.



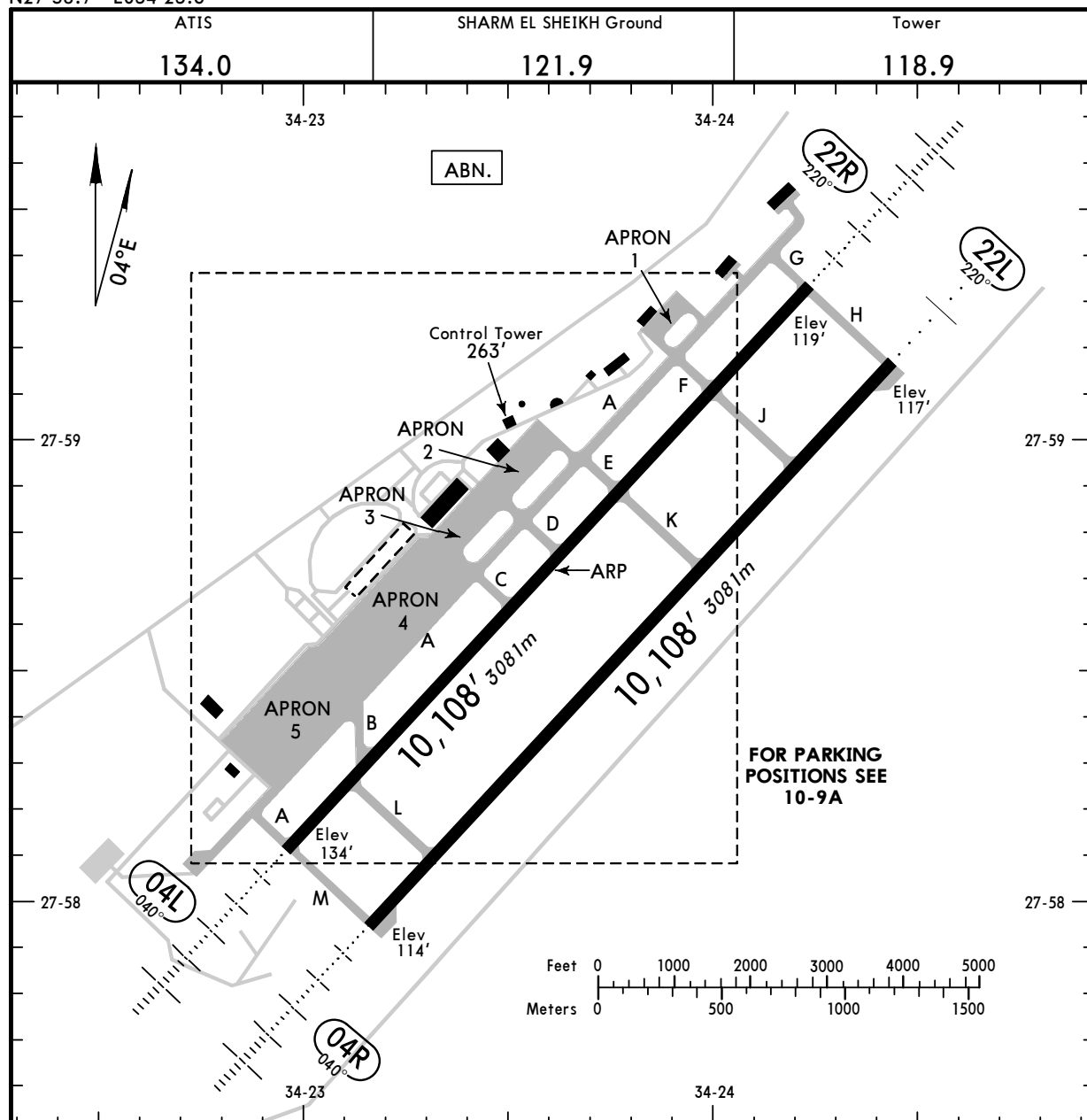
HESH/SSH

Apt Elev **143'**
 N27 58.7 E034 23.6

JEPPESEN SHARM EL SHEIKH, EGYPT

28 AUG 09 **(10-9)**

SHARM EL SHEIKH INTL



ADDITIONAL RUNWAY INFORMATION

RWY			USABLE LENGTHS		TAKE-OFF	WIDTH
			Threshold	Glide Slope		
04L	22R	HIRL (60m) HIALS PAPI (3.0°)		9136' 2785m		148' 45m
04R	22L	HIRL (60m) HIALS PAPI (3.0°)				148' 45m

TAKE-OFF

AIR CARRIER (JAA)

All Rwy's

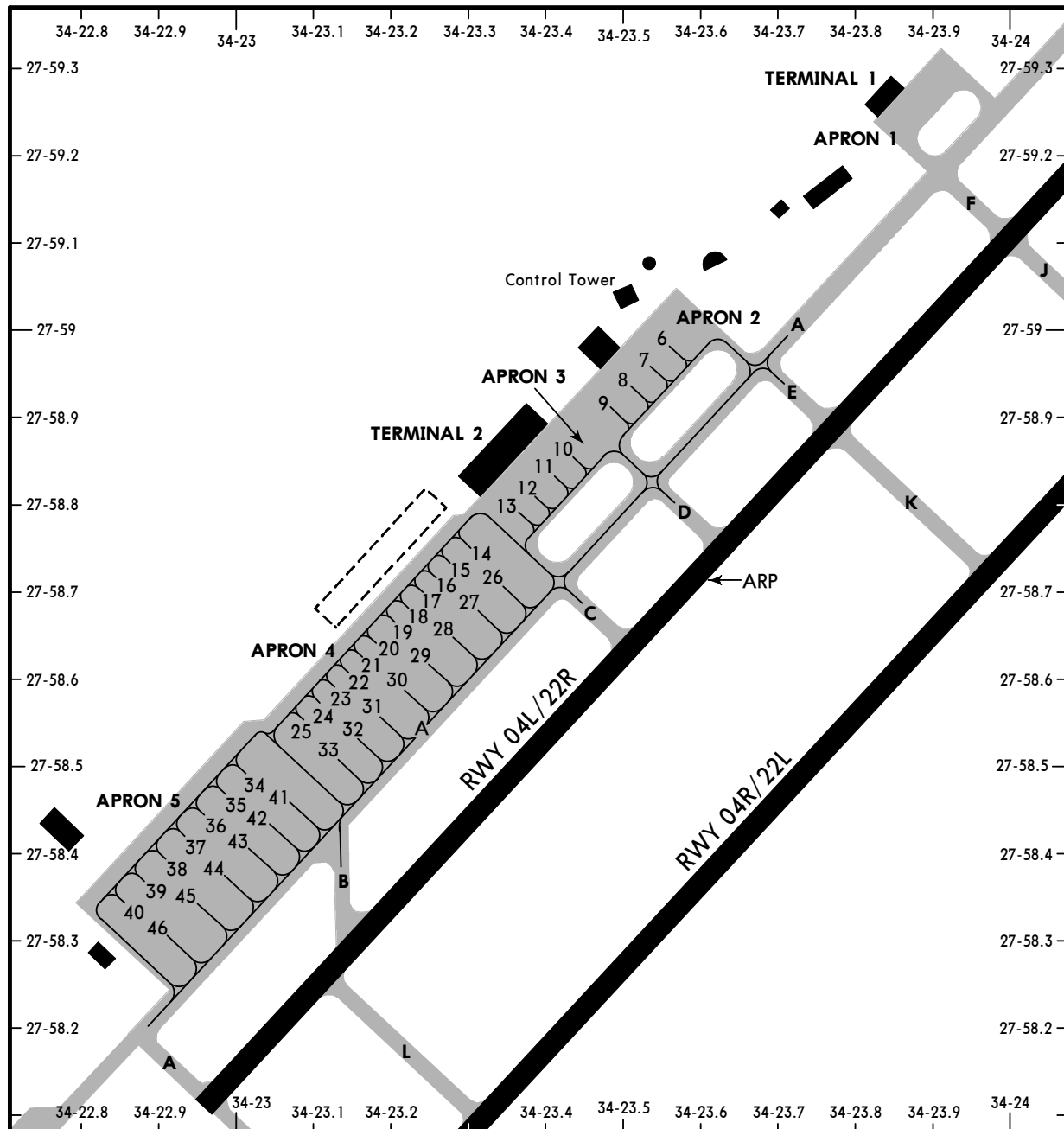
LVP must be in force
 RCLM (DAY only)
 or RL

RCLM (DAY only)
 or RL

A		
B	250m	400m
C		
D	300m	

HESH/SSH

28 AUG 09

10-9A**JEPPESSEN SHARM EL SHEIKH, EGYPT****SHARM EL SHEIKH INTL****INS COORDINATES**

STAND No.	COORDINATES	ELEV	STAND No.	COORDINATES	ELEV
6	N27 59.0 E034 23.5	150	29 thru 31	N27 58.6 E034 23.2	155
7	N27 59.0 E034 23.5	151	32	N27 58.6 E034 23.1	155
8	N27 58.9 E034 23.5	152	33	N27 58.5 E034 23.1	155
9	N27 58.9 E034 23.5	153	34	N27 58.5 E034 23.0	156
10	N27 58.9 E034 23.4	155	35	N27 58.5 E034 23.0	155
11	N27 58.8 E034 23.4	155	36	N27 58.4 E034 23.0	155
12	N27 58.8 E034 23.4	156	37	N27 58.4 E034 23.0	154
13	N27 58.8 E034 23.3	156	38, 39	N27 58.4 E034 22.9	154
14 thru 16	N27 58.7 E034 23.3	156	40	N27 58.3 E034 22.9	153
17	N27 58.7 E034 23.2	156	41	N27 58.5 E034 23.1	154
18, 19	N27 58.7 E034 23.2	155	42	N27 58.5 E034 23.0	154
20 thru 22	N27 58.6 E034 23.2	155	43	N27 58.4 E034 23.0	154
23 thru 25	N27 58.6 E034 23.1	155	44	N27 58.4 E034 23.0	153
26, 27	N27 58.7 E034 23.3	155	45	N27 58.4 E034 22.9	153
28	N27 58.7 E034 23.3	155	46	N27 58.3 E034 22.9	153

CHANGES: Coordinates.

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HESH/SSH

JEPPESEN
 9 OCT 09
 Eff 22 Oct
10-9S
SHARM EL SHEIKH, EGYPT
SHARM EL SHEIKH INTL
Standard

STRAIGHT-IN RWY		A	B	C	D
04L	ILS	388' (254')	400' (266')	408' (274')	419' (285')
	<i>FULL</i>	R600m	R600m	R600m	R650m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1300m	R1300m	R1300m	R1400m
	LOC ❶	640' (506')	640' (506')	640' (506')	640' (506')
		R1500m	R1500m	R1600m	R1600m
	<i>ALS out</i>	R1500m	R1500m	C2400m	C2400m
	RNAV ❶	510' (376')	510' (376')	510' (376')	510' (376')
		R1000m	R1000m	R1000m	R1000m
	<i>ALS out</i>	R1500m	R1500m	R1700m	R1700m
	VOR ❶❷	640' (506')	640' (506')	640' (506')	640' (506')
		R1500m	R1500m	R1600m	R1600m
	<i>ALS out</i>	R1500m	R1500m	C2400m	C2400m
	VOR ❸	640' (506')	640' (506')	640' (506')	640' (506')
		R1800m	R1800m	R2000m	R2000m
	<i>ALS out</i>	C2600m	C2600m	C2800m	C2800m
04R	RNAV ❶	510' (396')	510' (396')	510' (396')	510' (396')
		R1100m	R1100m	R1100m	R1100m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R1800m
	VOR ❶❷	570' (456')	570' (456')	570' (456')	570' (456')
		R1400m	R1400m	R1400m	R1400m
	<i>ALS out</i>	R1500m	R1500m	C2100m	C2100m
	VOR ❸	570' (456')	570' (456')	570' (456')	570' (456')
		R1600m	R1600m	R1800m	R1800m
	<i>ALS out</i>	C2300m	C2300m	C2500m	C2500m
22L	RNAV ❶	490' (373')	490' (373')	490' (373')	490' (373')
		R1300m	R1300m	R1300m	R1300m
	<i>ALS out</i>	R1500m	R1500m	R1700m	R1700m
22R	RNAV ❶	490' (371')	490' (371')	490' (371')	490' (371')
		R1000m	R1000m	R1000m	R1000m
	<i>ALS out</i>	R1500m	R1500m	R1700m	R1700m

❶ Continuous Descent Final Approach.

❷ with FMS.

❸ w/o FMS.

CIRCLE-TO-LAND ❹❺	100 KT	135 KT	180 KT	205 KT
	1100' (957')	1100' (957')	1100' (957')	1100' (957')
	V1500m ❻	V1600m ❻	V2400m ❻	V3600m

❹ Not authorized West of rwy 04L/22R.

❺ After VOR 04R or RNAV: NOT APPLICABLE.

❻ or higher minimums of preceding straight-in approach.

HESH/SSH



Standard
SHARM EL SHEIKH, EGYPT
SHARM EL SHEIKH INTL

TAKE-OFF RWY 04L/R, 22L/R

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

HESH/SSH **JEPPESEN**

9 OCT 09

(10-9X)**Eff 22 Oct****JAA MINIMUMS****SHARM EL SHEIKH, EGYPT****SHARM EL SHEIKH INTL**

STRAIGHT-IN RWY		A	B	C	D
04L	ILS	388' (254')	400' (266')	408' (274')	419' (285')
		R650m	R650m	R650m	R650m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	640' (506')	640' (506')	640' (506')	640' (506')
		R1000m	R1200m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
	RNAV	510' (376')	510' (376')	510' (376')	510' (376')
		R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	VOR	640' (506')	640' (506')	640' (506')	640' (506')
		R1000m	R1200m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
04R	VOR	570' (456')	570' (456')	570' (456')	570' (456')
		R1000m	R1200m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
	RNAV	510' (396')	510' (396')	510' (396')	510' (396')
		R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
22L	RNAV	490' (373')	490' (373')	490' (373')	490' (373')
		R1200m	R1300m	R1400m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
22R	RNAV	490' (371')	490' (371')	490' (371')	490' (371')
		R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
Not authorized west of rwy 04L/22R	1100' (957')	1100' (957')	1100' (957')	1100' (957')
	V1500m	V1600m	V2400m	V3600m

TAKE-OFF RWY 04L/R, 22L/R

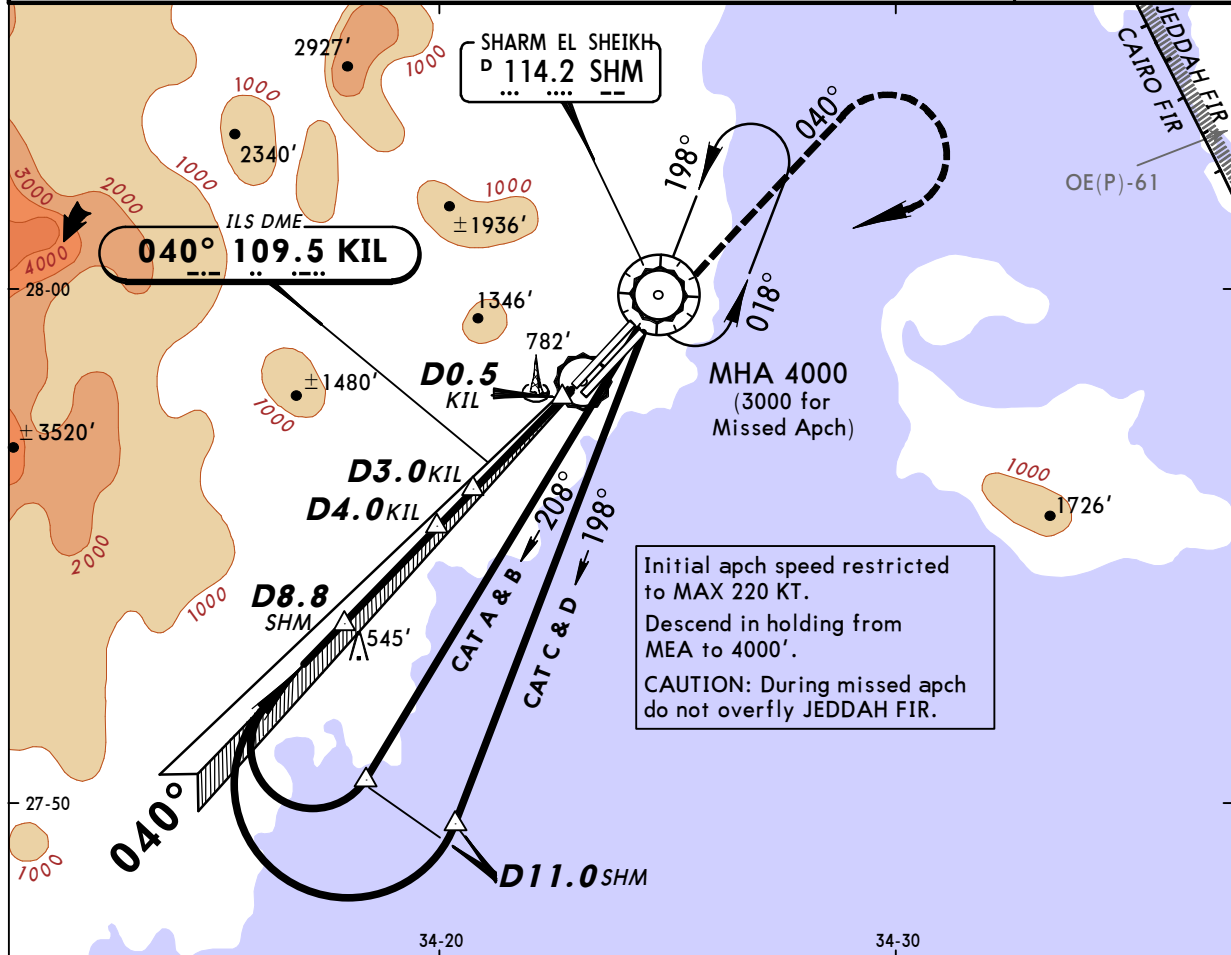
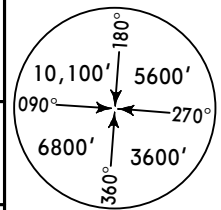
LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

HESH/SSH SHARM EL SHEIKH INTL

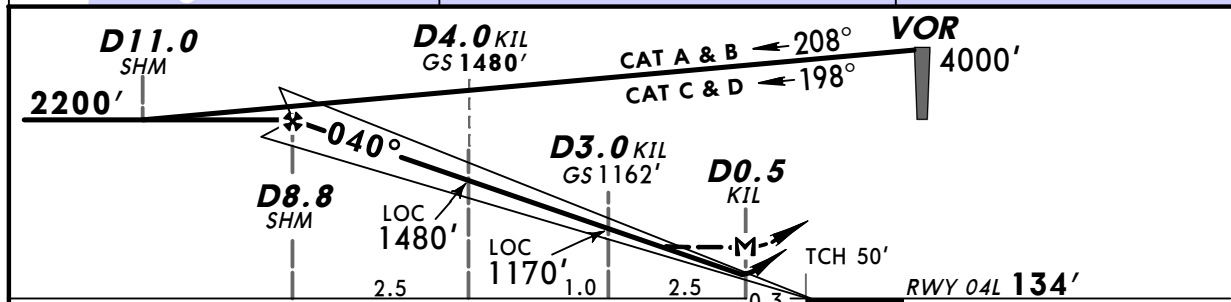
JEPPesen SHARM EL SHEIKH, EGYPT 28 AUG 09 (11-1) ILS Rwy 04L

BRIEFING STRIP

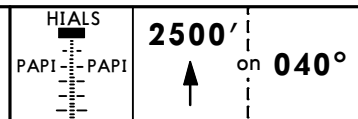
ATIS	SHARM EL SHEIKH Radar (APP)	SHARM EL SHEIKH Tower	Ground
134.0	121.1	118.9	121.9
LOC KIL 109.5	Final Apch Crs 040°	GS D4.0 KIL 1480' (1346')	ILS DA(H) Refer to Minimums Apt Elev 143' RWY 134'
MISSED APCH: Climb STRAIGHT AHEAD on 040° to 2500', then turn RIGHT to reach VOR at 3000', or as directed.			
Alt Set: hPa	Rwy Elev: 5 hPa	Trans level: FL 110	Trans alt: 9500'
			MSA SHM VOR



Initial apch speed restricted to MAX 220 KT.
Descend in holding from MEA to 4000'.
CAUTION: During missed apch do not overfly JEDDAH FIR.



Gnd speed-Kts	70	90	100	120	140	160
ILS GS 3.00° or LOC Desc Grad 5.2%	377	484	538	646	753	861
MAP at D0.5 KIL						



STRAIGHT-IN LANDING RWY 04L				CIRCLE-TO-LAND	
ILS		LOC (GS out)		Not authorized West of rwy 04L/22R	
DA(H) A: 388' (254') C: 408' (274') B: 400' (266') D: 419' (285')		MDA(H) 640' (506')			
FULL		ALS out		Max Kts	MDA(H)
A	800m	1200m	800m	100	1100' (957') 2000m
B				135	1100' (957') 2400m
C	900m	1300m	1600m	180	1100' (957') 4800m
D		1400m		205	

PANS OPS 3

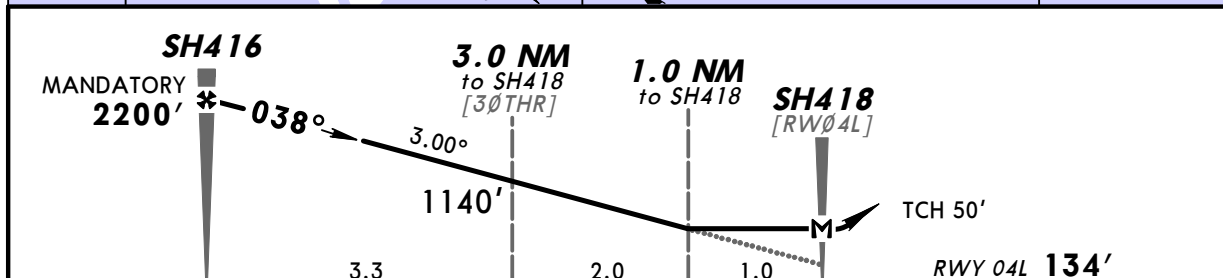
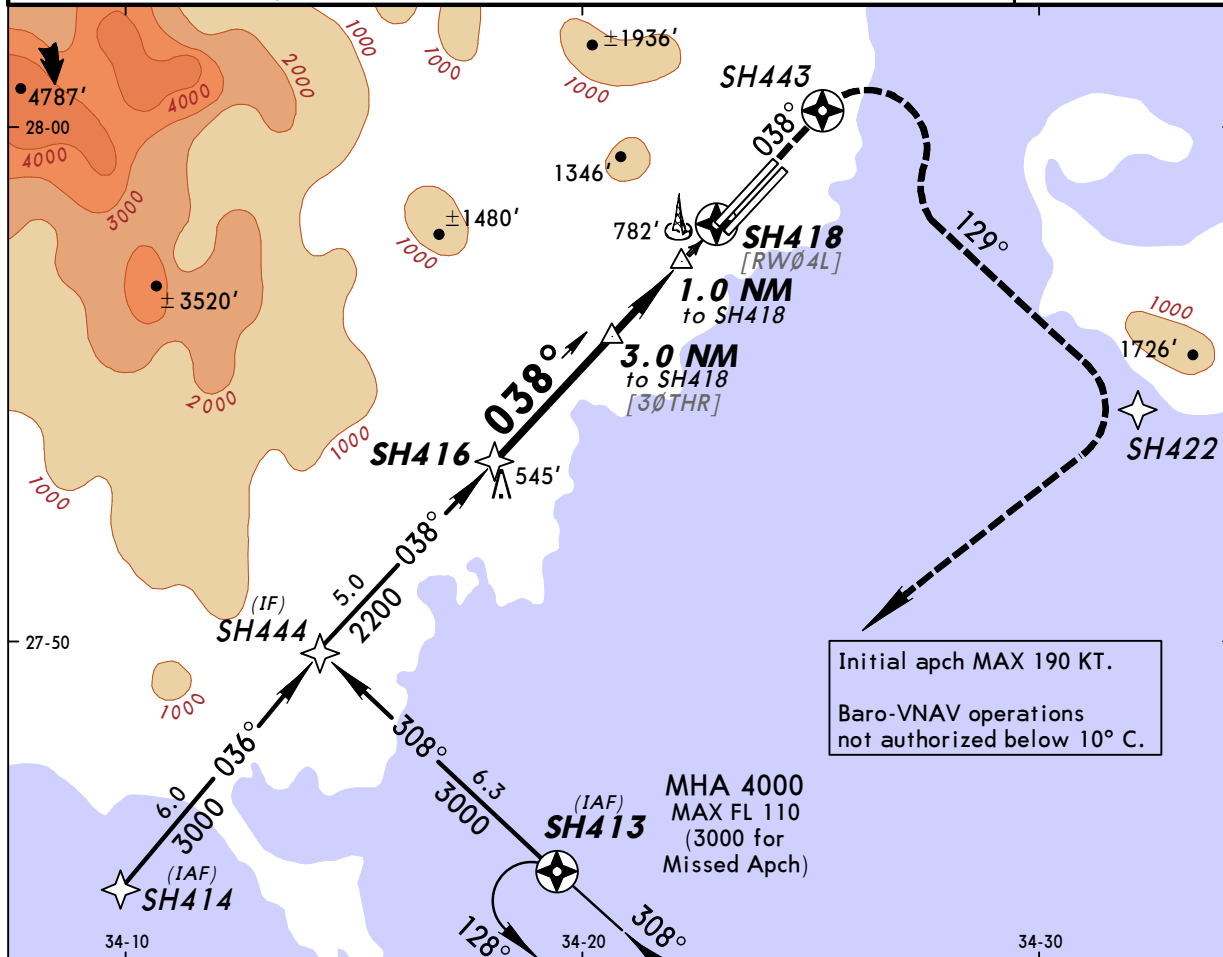
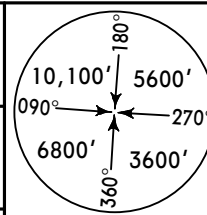
HESH/SSH SHARM EL SHEIKH INTL

JEPPESSEN
2 JUL 10 (12-1)

SHARM EL SHEIKH, EGYPT RNAV (GNSS) Rwy 04L

BRIEFING STRIP

ATIS	SHARM EL SHEIKH Radar (APP)	SHARM EL SHEIKH Tower	Ground
134.0	121.1	118.9	121.9
RNAV	Final Apch Crs 038°	Minimum Alt SH416 2200' (2066')	LNAV/VNAV DA(H) 510' (376')
		Apt Elev 143' RWY 134'	
MISSED APCH: Climb on 038° to SH443 to 800'. Turn RIGHT onto 129° to SH422 to 2000', then to SH413 to 3000' and hold, or as directed.			
Alt Set: hPa	Rwy Elev: 5 hPa	Trans level: FL 110	Trans alt: 9500'
MSA ARP			



Gnd speed-Kts	70	90	100	120	140	160				
Descent Angle	3.00°	372	478	531	637	743	849			
MAP at SH418										

STRAIGHT-IN LANDING RWY 04L					
LNAV/VNAV		LNAV			
DA(H) 510' (376')		MDA(H) 510' (376')			
ALS out		ALS out			
A					
B	800m	1600m	800m	1600m	
C					
D	1600m	2000m	1600m	2000m	

PANS OPS 3

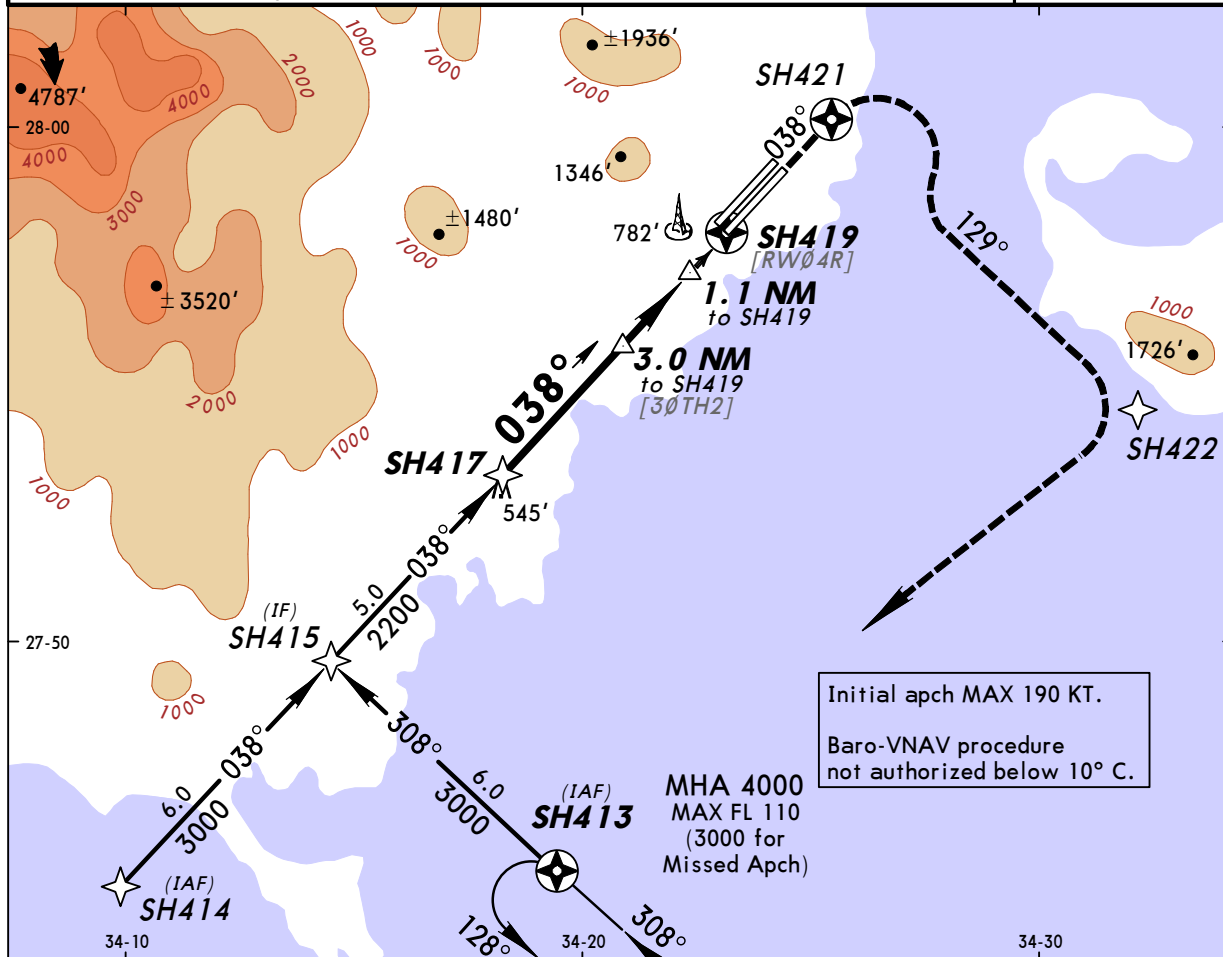
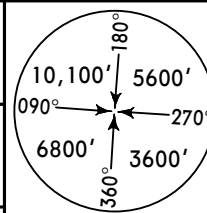
HESH/SSH SHARM EL SHEIKH INTL

JEPPesen
2 JUL 10 (12-2)

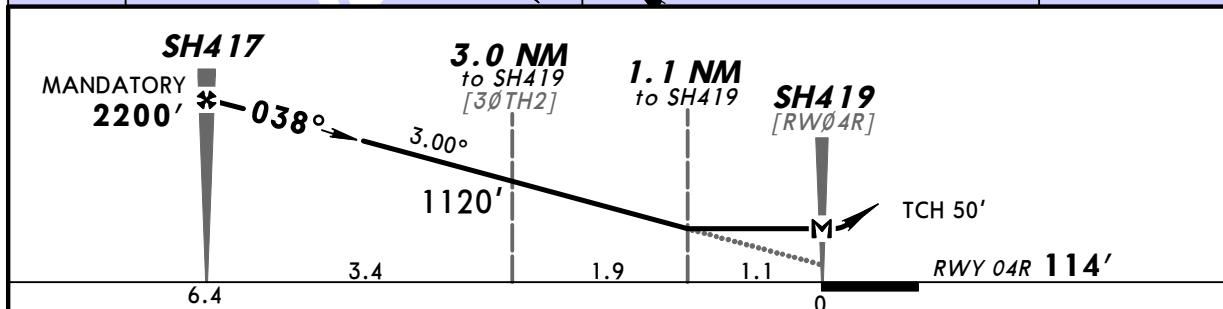
SHARM EL SHEIKH, EGYPT RNAV (GNSS) Rwy 04R

BRIEFING STRIP

ATIS	SHARM EL SHEIKH Radar (APP)	SHARM EL SHEIKH Tower	Ground
134.0	121.1	118.9	121.9
RNAV	Final Apch Crs 038°	Minimum Alt SH417 2200' (2086')	LNAV/VNAV DA(H) 510' (396')
		Apt Elev 143' RWY 114'	
MISSED APCH: Climb on 038° to SH421 to 800'. Turn RIGHT onto 129° to SH422 to 2000', then to SH413 to 3000' and hold, or as directed.			
Alt Set: hPa	Rwy Elev: 4 hPa	Trans level: FL 110	Trans alt: 9500'
			MSA ARP



Initial apch MAX 190 KT.
Baro-VNAV procedure not authorized below 10° C.



Gnd speed-Kts	70	90	100	120	140	160			
Descent Angle	3.00°	372	478	531	637	743	849		
MAP at SH419									

STRAIGHT-IN LANDING RWY 04R							
LNAV/VNAV		LNAV					
DA(H) 510' (396')		MDA(H) 510' (396')					
ALS out		ALS out					
A							
B	800m	1600m	800m	1600m			
C							
D	1600m	2000m	1600m	2000m			

PANS OPS 3

HESH/SSH SHARM EL SHEIKH INTL

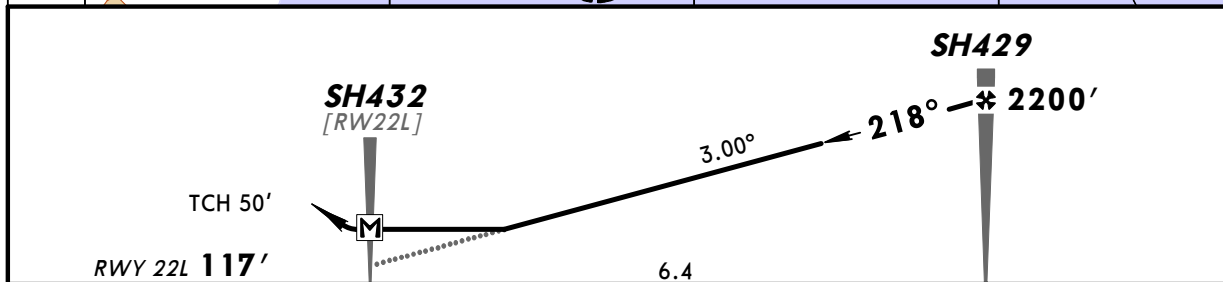
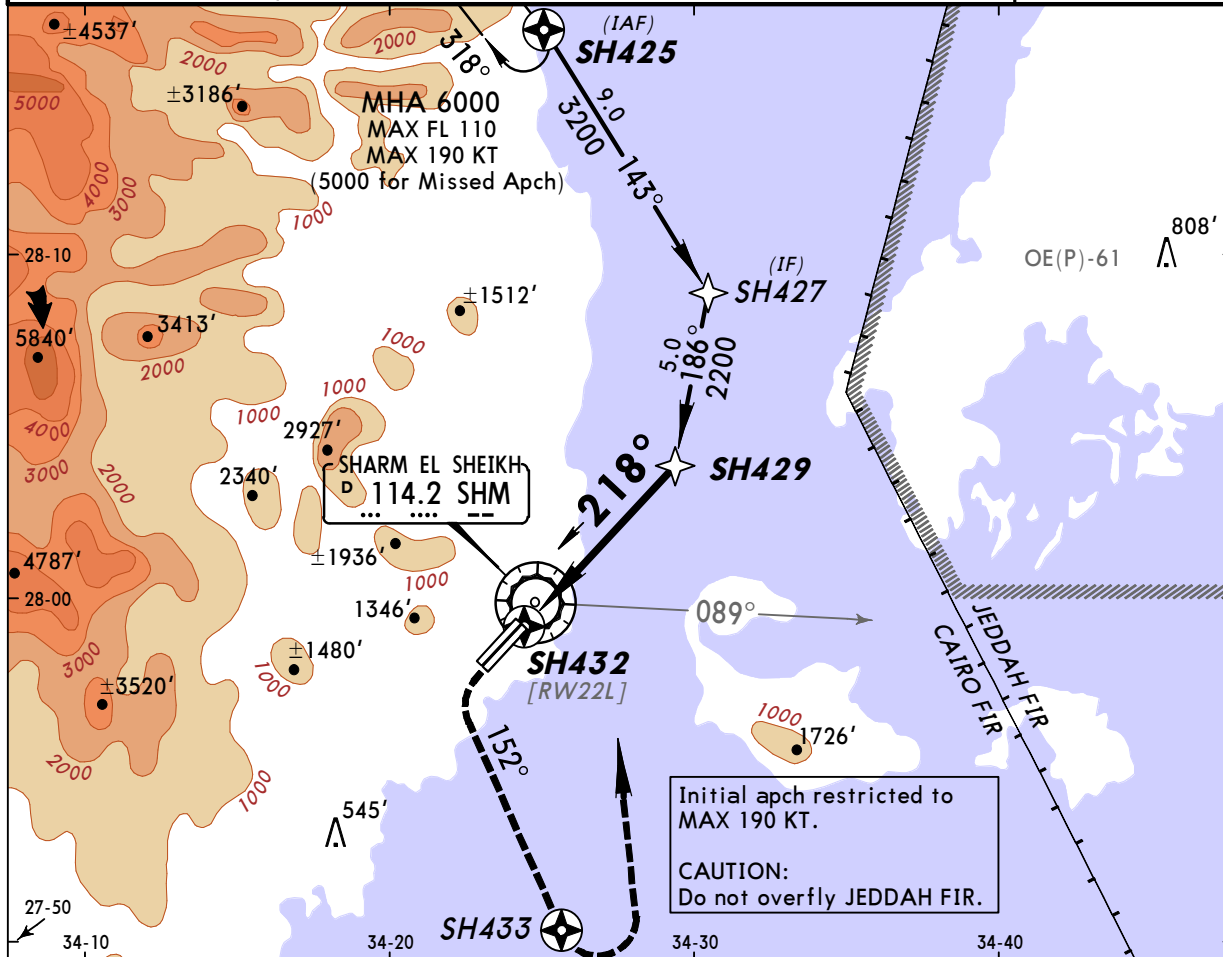
28 AUG 09

(12-3)

SHARM EL SHEIKH, EGYPT RNAV (GNSS) RWY 22L

BRIEFING STRIP™

ATIS		SHARM EL SHEIKH Radar (APP)		SHARM EL SHEIKH Tower		Ground	
134.0		121.1		118.9		121.9	
RNAV	Final Apch Crs 218°	Minimum Alt SH429 2200' (2083')	MDA(H) 490' (373')	Apt Elev 143' RWY 117'		 MSA ARP	
MISSED APCH: Turn LEFT climbing on 152° to SH433 at 1500'. Turn LEFT to cross R-089 at 3000', then to SH425 at 5000' and hold or as directed.							
Alt Set: hPa		Rwy Elev: 4 hPa		Trans level: FL 110			



Gnd speed-Kts	70	90	100	120	140	160
Descent angle 3.00°	372	478	531	637	743	849
MAP at SH432						

STRAIGHT-IN LANDING RWY 22L		MDA(H) 490' (373')	
		ALS out	
A	1200m	1600m	
B			
C			
D	2000m		

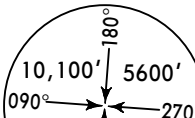
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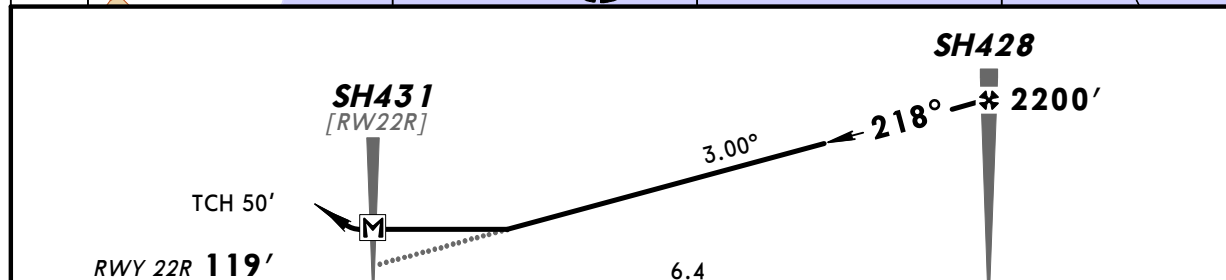
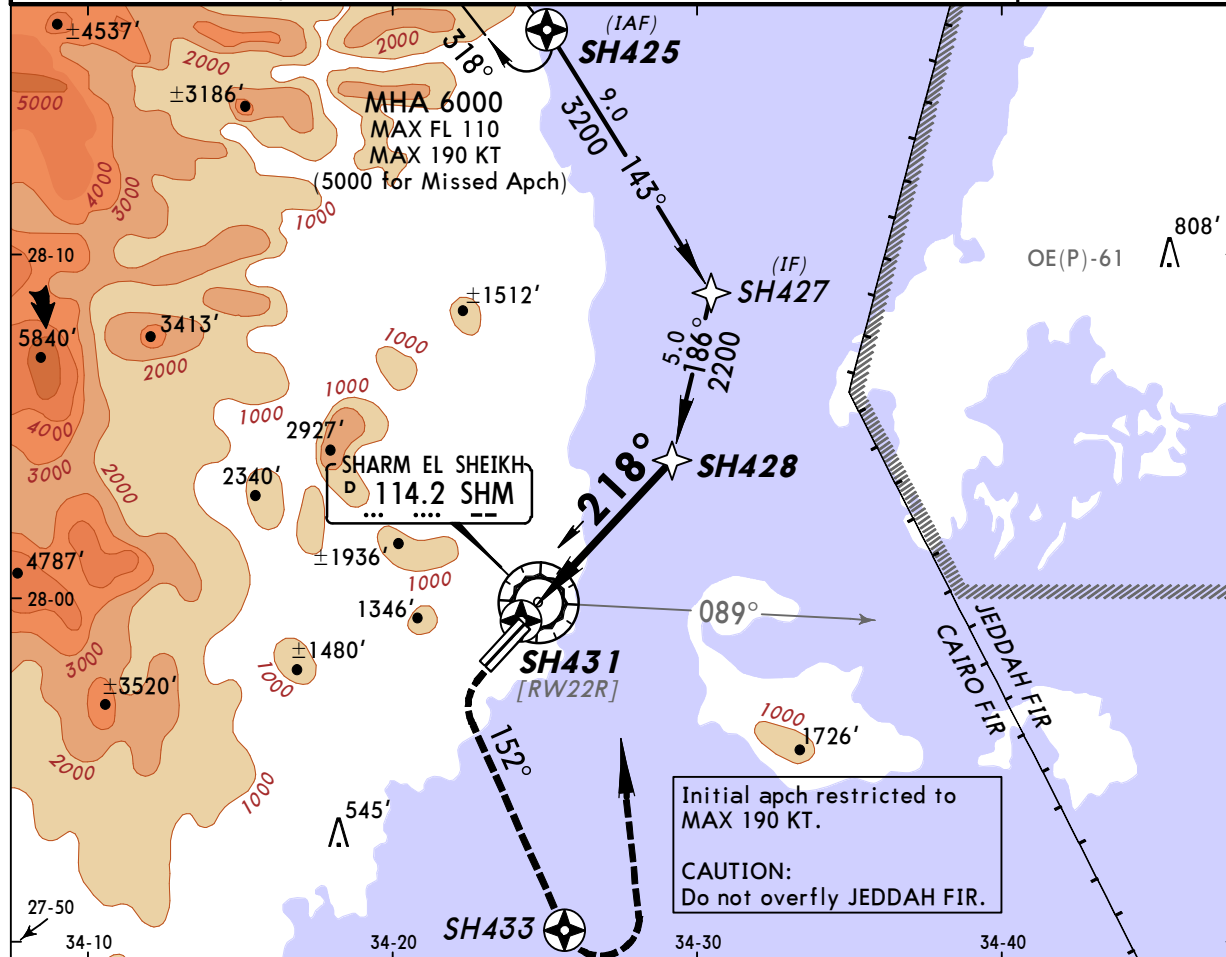
HESH/SSH SHARM EL SHEIKH INTL

28 AUG 09 (12-4)

SHARM EL SHEIKH, EGYPT RNAV (GNSS) RWY 22R

BRIEFING STRIP™

ATIS		SHARM EL SHEIKH Radar (APP)		SHARM EL SHEIKH Tower		Ground	
134.0		121.1		118.9		121.9	
RNAV	Final Apch Crs 218°	Minimum Alt SH428 2200' (2081')	MDA(H) 490' (371')	Apt Elev 143' RWY 119'			
MISSED APCH: Turn LEFT climbing on 152° to SH433 at 1500'. Turn LEFT to cross R-089 at 3000', then to SH425 at 5000' and hold or as directed.							
Alt Set: hPa		Rwy Elev: 4 hPa		Trans level: FL 110			
MSA ARP							



MAP at SH431						
SH433	on 152°	LT				

STRAIGHT-IN LANDING RWY 22R		MDA(H) 490' (371')	
ALS out			
A	800m	1600m	
B			
C			
D	1600m	2000m	

PANS OPS 3

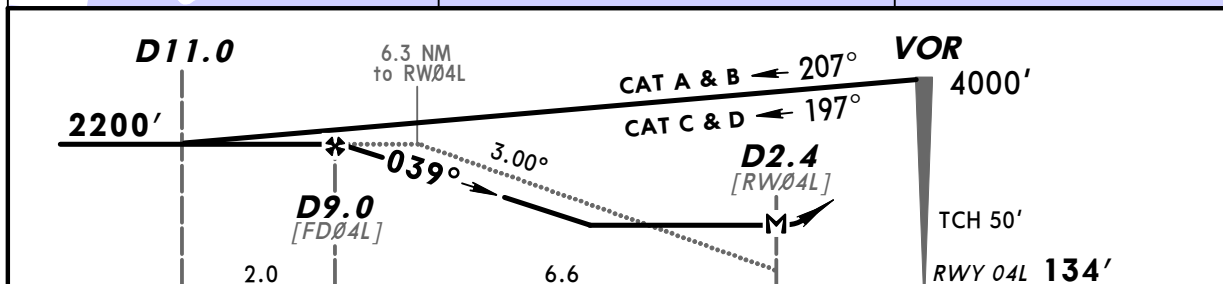
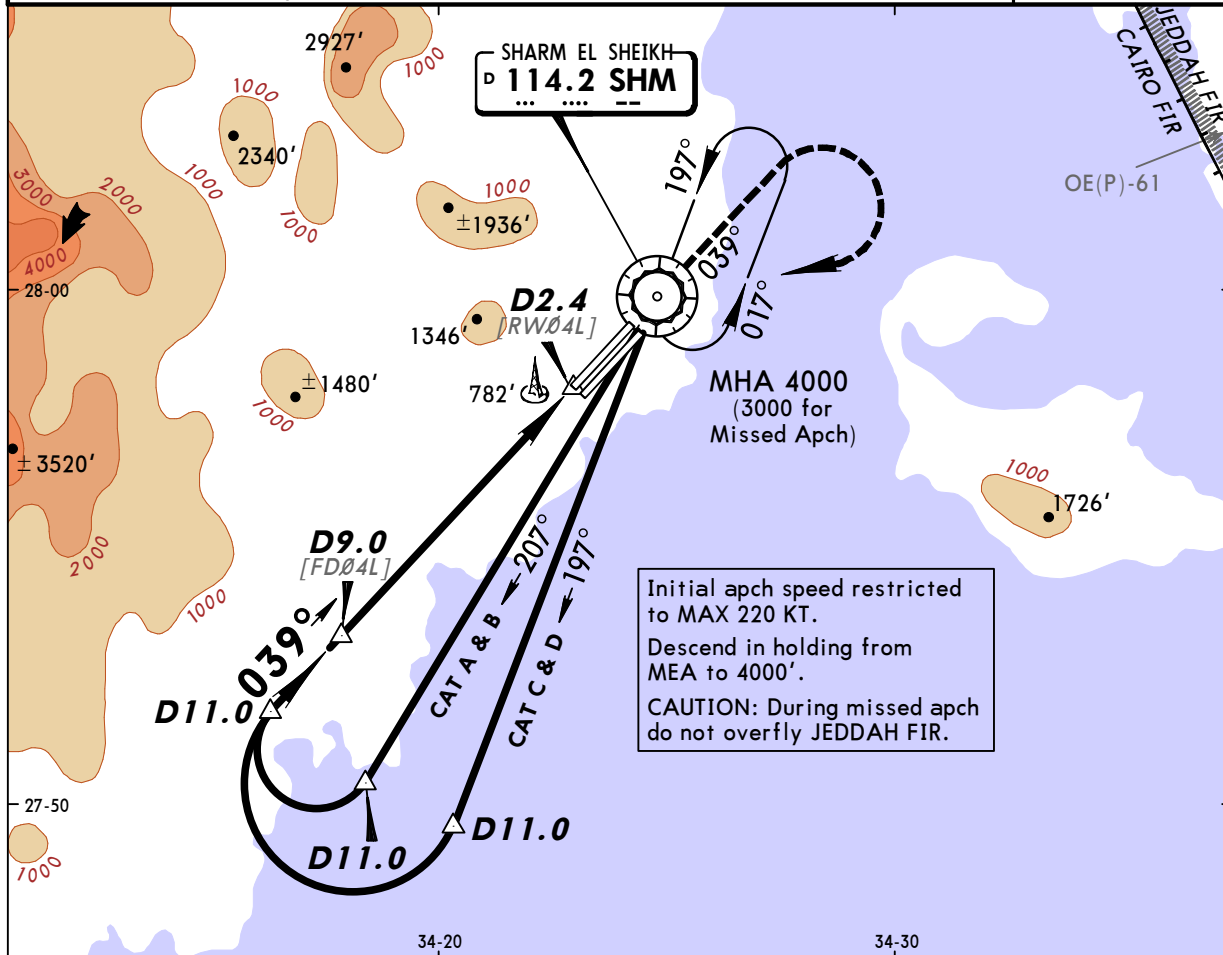
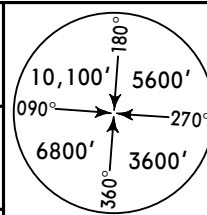
HESH/SSH SHARM EL SHEIKH INTL

28 AUG 09 **(13-1)**

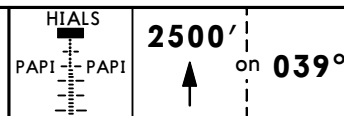
JEPPESEN SHARM EL SHEIKH, EGYPT VOR DME Rwy 04L

BRIEFING STRIP

ATIS	SHARM EL SHEIKH Radar (APP)	SHARM EL SHEIKH Tower	Ground
134.0	121.1	118.9	121.9
VOR SHM 114.2	Final Apch Crs 039°	Minimum Alt D9.0 2200' (2066')	MDA(H) 640' (506')
		Apt Elev 143'	RWY 134'
MISSED APCH: Climb STRAIGHT AHEAD on 039° to 2500', then turn RIGHT to reach VOR at 3000', or as directed.			
Alt Set: hPa	Rwy Elev: 5 hPa	Trans level: FL 110	Trans alt: 9500'
			MSA SHM VOR



Gnd speed-Kts	70	90	100	120	140	160
Descent angle 3.00°	372	478	531	637	743	849
MAP at D2.4						



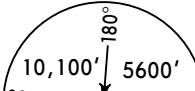
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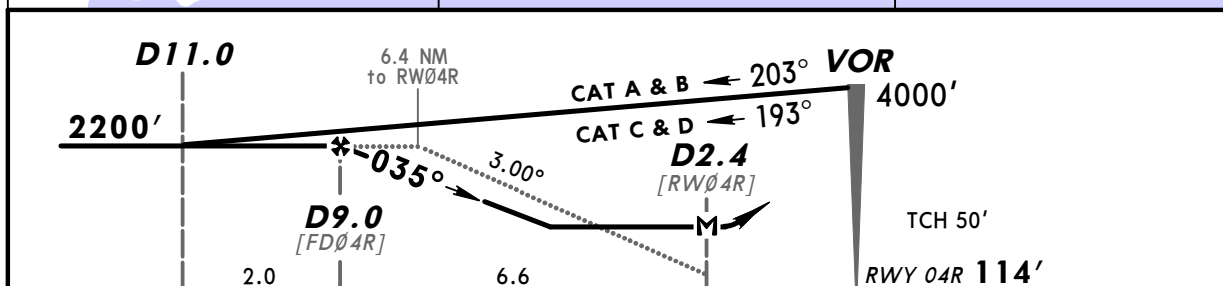
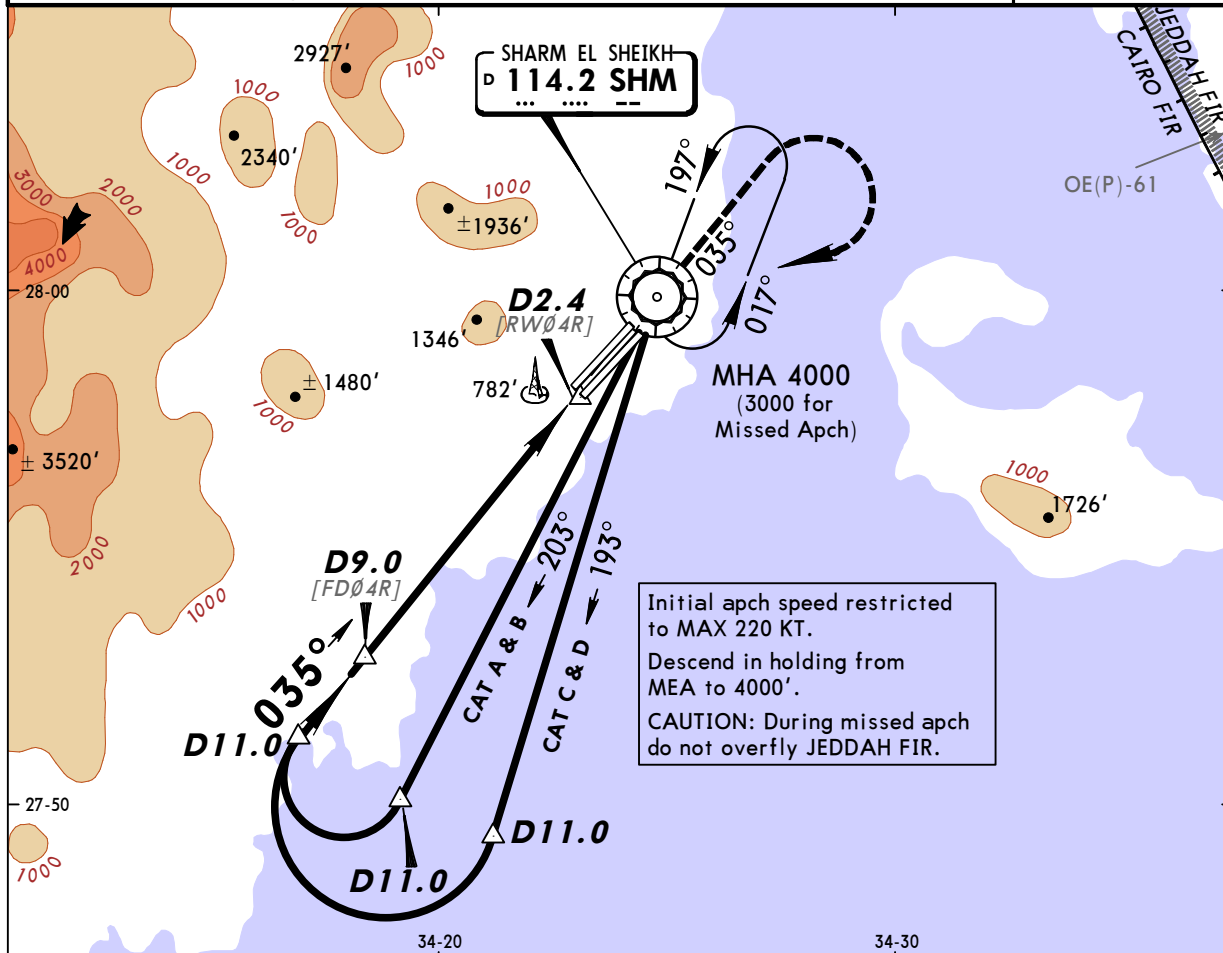
STRAIGHT-IN LANDING RWY 04L			CIRCLE-TO-LAND	
MDA(H) 640' (506')			Not authorized West of rwy 04L/22R	
ALS out			Max Kts.	
A	2200m	3000m	100	1100' (957')
B			135	3000m
C			180	1100' (957')
D	2600m	4800m	205	

HESH/SSH SHARM EL SHEIKH INTL

JEPPESEN SHARM EL SHEIKH, EGYPT 28 AUG 09 (13-2) VOR DME Rwy 04R

BRIEFING STRIP

ATIS 134.0		SHARM EL SHEIKH Radar (APP) 121.1		SHARM EL SHEIKH Tower 118.9		Ground 121.9	
VOR SHM 114.2	Final Apch Crs 035°	Minimum Alt D9.0 2200' (2086')	MDA(H) 570' (456')	Apt Elev 143' RWY 114'			
MISSED APCH: Climb STRAIGHT AHEAD on 035° to 2500', then turn RIGHT to reach VOR at 3000', or as directed.							
Alt Set: hPa		Rwy Elev: 4 hPa		Trans level: FL 110			
							MSA SHM VOR



Gnd speed-Kts	70	90	100	120	140	160	
Descent angle 3.00°	372	478	531	637	743	849	
MAP at D2.4							

STRAIGHT-IN LANDING RWY 04R			
MDA(H) 570' (456')			
ALS out			
A	800m	1600m	
B			
C	1200m	2000m	
D	1600m	2400m	

PANS OPS 3