

OOMS

JEPPESSEN

JAA MINIMUMS

18 DEC 98

10-9X

Eff 31 Dec

MUSCAT, OMAN

SEEB INTL

STRAIGHT-IN RWY		A	B	C	D
<b>08</b>	ILS	248' (200')	248' (200')	257' (209')	275' (227')
		R550m	R550m	R600m	R600m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	420' (372')	420' (372')	420' (372')	420' (372')
		R900m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1800m	R2000m
<b>26</b>	VOR DME	450' (402')	450' (402')	450' (402')	450' (402')
		R900m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1800m	R2000m
	NDB	600' (552')	600' (552')	600' (552')	600' (552')
		R1000m	R1200m	R1200m	R1600m
	ALS out	R1500m	R1500m	R2000m	R2000m
<b>26</b>	ILS	225' (200')	233' (208')	243' (218')	253' (228')
		R550m	R600m	R600m	R600m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	440' (415')	440' (415')	440' (415')	440' (415')
		R900m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1800m	R2000m
<b>26</b>	VOR DME	400' (375')	400' (375')	400' (375')	400' (375')
		R900m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1800m	R2000m
	NDB DME	400' (375')	400' (375')	400' (375')	400' (375')
		R900m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1800m	R2000m

CIRCLE TO LAND	100 KT	135 KT	180 KT	205 KT
Not authorized south of rwy 08/26	490' (442') ① V1500m	550' (502') ① V1600m	660' (612') V2400m	750' (702') V3600m

① After NDB 08: 600' (552').

Take off RWY 08, 26

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		

OOMS  
SEEB INTL

JEPPESSEN

MUSCAT, OMAN  
CAT C & D VOR DME ILS Rwy 08

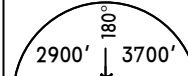
18 DEC 98  
Eff 31 Dec

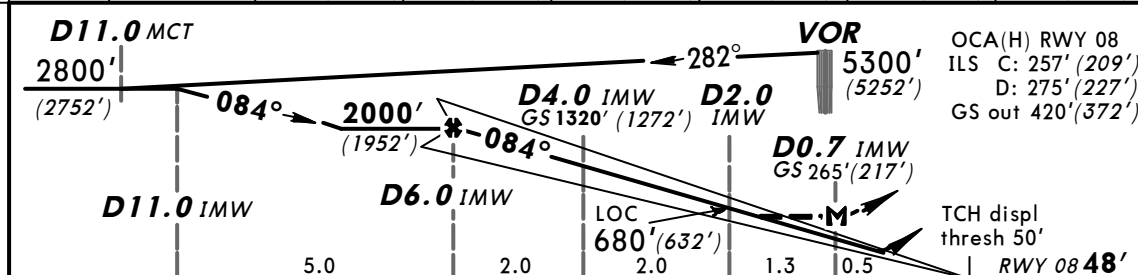
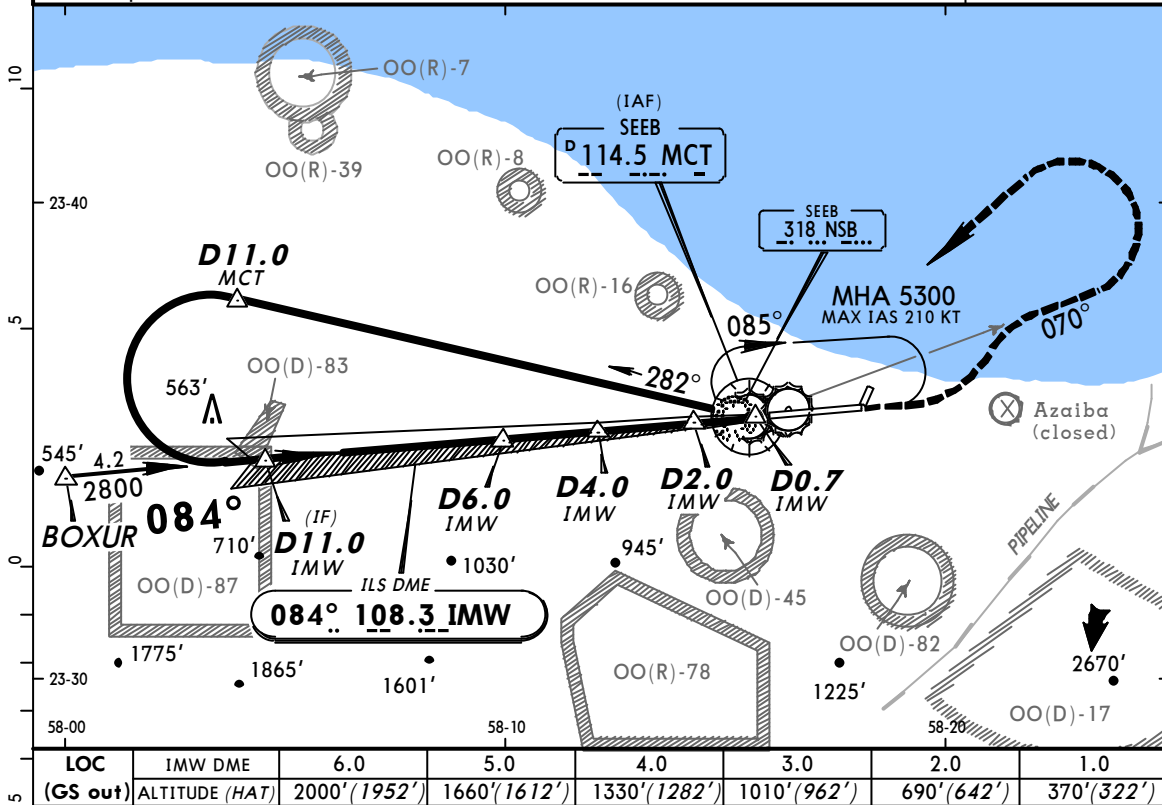
11-1

CAT C & D

VOR DME ILS Rwy 08

BRIEFING STRIP™

ATIS 126.8		SEEB Approach (R) 121.2		SEEB Tower 118.4		Ground 121.8			
LOC IMW 108.3		Final Apch Crs 084°		GS D4.0 IMW 1320' (1272')		ILS DA(H) Refer to Minimums		Apt Elev 48' RWY 48'	
MISSED APCH: Climb STRAIGHT AHEAD to 1000', then turn LEFT climbing via R-070 to 4000', then climbing turn LEFT to 5300' returning to VOR and hold, or as directed.								 MSA MCT VOR	
Alt Set: hPa Rwy Elev: 2 hPa Trans level: FL 150 Trans alt: 13000(12952') Initial apch restricted to MAX IAS 185 KT.									



Gnd speed-Kts	70	90	100	120	140	160
ILS GS 3.00° or	377	485	539	647	755	862
LOC Descent Gradient 5.2%						
MAP at D0.7 IMW						

STRAIGHT-IN LANDING RWY 08					CIRCLE-TO-LAND	
ILS C: 257' (209') D: 275' (227')			LOC (GS out)  MDA(H) 420' (372')		Not authorized South of rwy 08/26	
FULL		ALS out		ALS out	Max Kts	MDA(H)
A	SEE 11-2				A	SEE 11-2
B					B	
C	800m	1200m	800m	1600m	180	660' (612') 2800m
D			1200m	2000m	205	740' (692') 3600m

CHANGES: MSA. Procedure. Minimums.

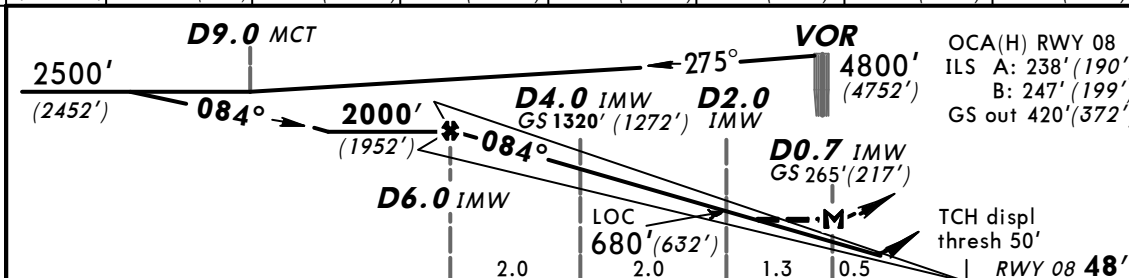
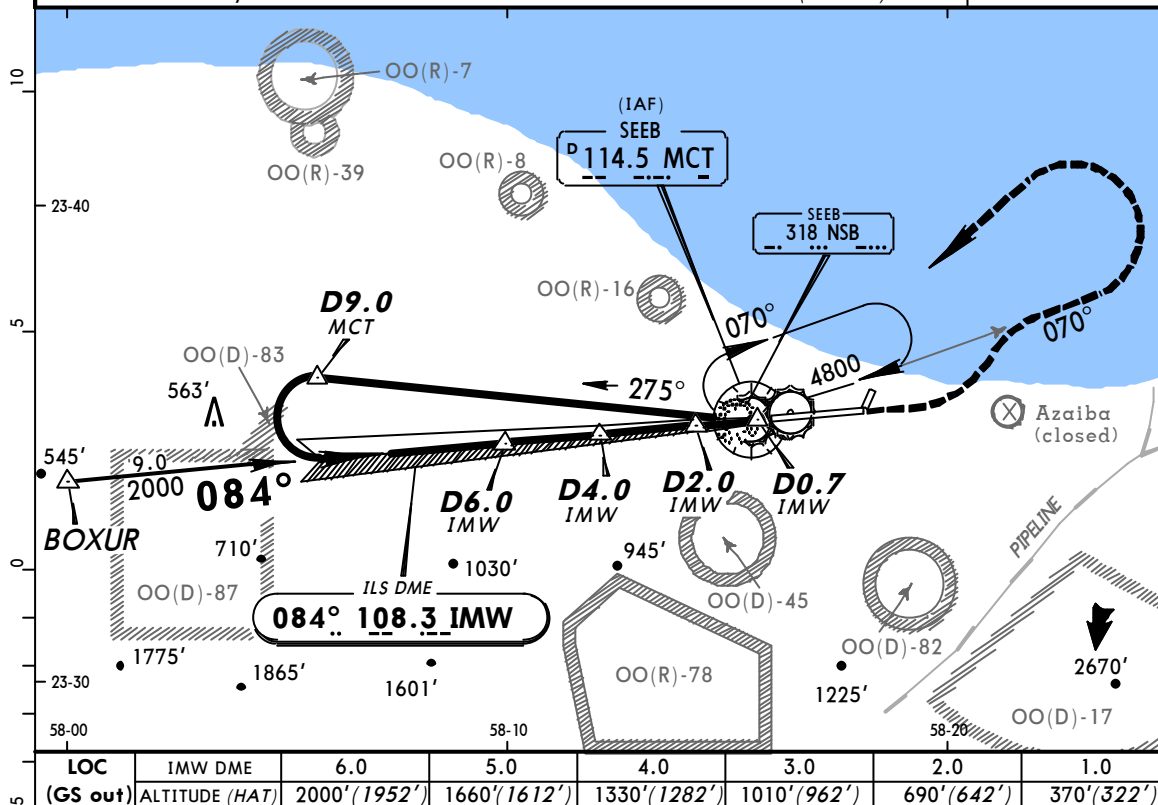
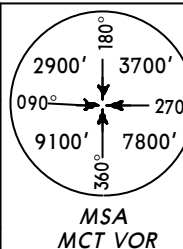
© JEPPESSEN SANDERSON, INC., 1997, 1999. ALL RIGHTS RESERVED.

OOMS  
SEEB INTL

JEPPESSEN  
18 DEC 98  
Eff 31 Dec 11-2

MUSCAT, OMAN  
CAT A & B VOR DME ILS Rwy 08

ATIS 126.8	SEEB Approach (R) 121.2	SEEB Tower 118.4	Ground 121.8
LOC IMW 108.3	Final Apch Crs 084°	GS D4.0 IMW 1320' (1272')	ILS DA(H) 248' (200')
Apt Elev 48' RWY 48'			
MISSED APCH: Climb STRAIGHT AHEAD to 1000', then turn LEFT climbing via R-070 to 3000', then climbing turn LEFT to 4800' returning to VOR and hold, or as directed.			
Alt Set: hPa Rwy Elev: 2 hPa Trans level: FL 150 Trans alt: 13000' (12952')			



Gnd speed-Kts	70	90	100	120	140	160
ILS GS 3.00° or	377	485	539	647	755	862
LOC Descent Gradient 5.2%						
MAP at D0.7 IMW						

STRAIGHT-IN LANDING RWY 08				CIRCLE-TO-LAND	
ILS		LOC (GS out)		Not authorized South of rwy 08/26	
DA(H) 248' (200')		MDA(H) 420' (372')			
FULL	ALS out	ALS out	ALS out		
A	800m	1200m	800m	1600m	
B					
C	SEE 11-1			SEE 11-1	
D					

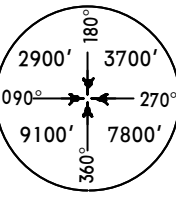
CHANGES: MSA. Procedure altitude.

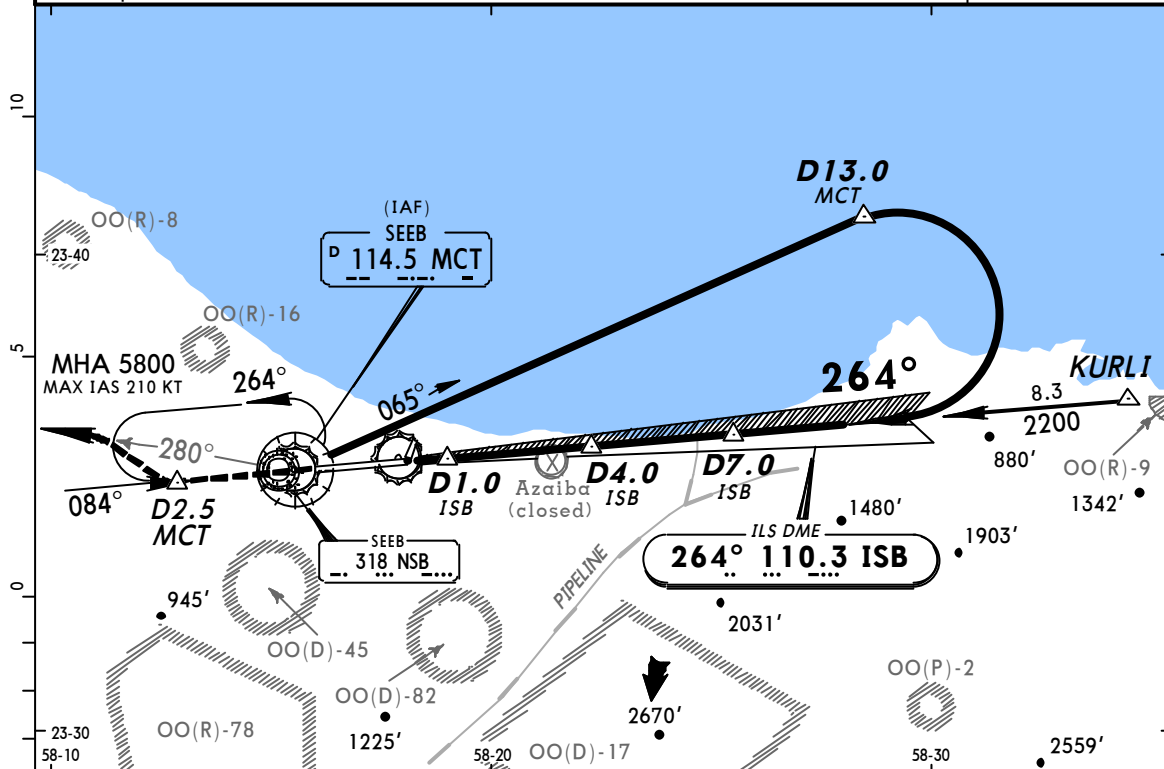
© JEPPESSEN SANDERSON, INC., 1997, 1998. ALL RIGHTS RESERVED.

OOMS  
SEEB INTL

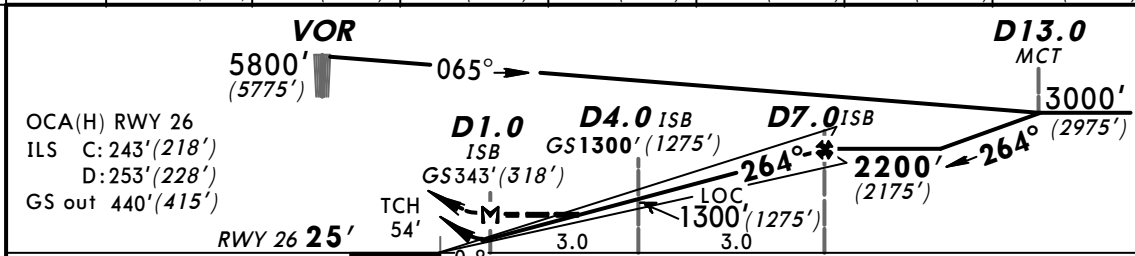
JEPPESSEN  
18 DEC 98  
Eff 31 Dec 11-3

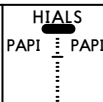
MUSCAT, OMAN  
CAT C & D VOR DME ILS Rwy 26

ATIS 126.8	SEEB Approach (R) 121.2	SEEB Tower 118.4	Ground 121.8
LOC ISB 110.3	Final Apch Crs 264°	GS D4.0 ISB 1300' (1275')	ILS DA(H) Refer to Minimums
MISSED APCH: Climb STRAIGHT AHEAD, at D2.5 MCT (after passing VOR) turn RIGHT climbing via R-280 to 4500', then turn RIGHT and return to VOR at 5800' and hold, or as directed.		Apt Elev 48' RWY 25'	 <p>MSA MCT VOR</p>
Alt Set: hPa Rwy Elev: 1 hPa Trans level: FL 150 Trans alt: 13000' (12975')		Initial apch restricted to MAX IAS 210 KT.	



LOC	ISB DME	1.0	2.0	3.0	4.0	5.0	6.0
(GS out)	ALTITUDE (HAT)	350' (325')	670' (645')	980' (955')	1300' (1275')	1620' (1595')	1940' (1915')



Gnd speed-Kts	70	90	100	120	140	160	
ILS GS 3.00° or	377	485	539	647	755	862	
LOC Descent Gradient 5.2%							
MAP at D1.0 ISB							

STRAIGHT-IN LANDING RWY 26				CIRCLE-TO-LAND	
ILS		LOC (GS out)		Not authorized South of rwy 08/26	
DA(H) C: 243' (218')		MDA(H) 440' (415')			
D: 253' (228')					
FULL	ALS out	ALS out	ALS out	MDA(H)	
A	SEE 11-4			Max Kts	
B				A	SEE 11-4
C	800m	1200m	1200m	180	660' (612') 2800m
D			2000m	205	740' (692') 3600m

CHANGES: MSA. Procedure. Minimums.

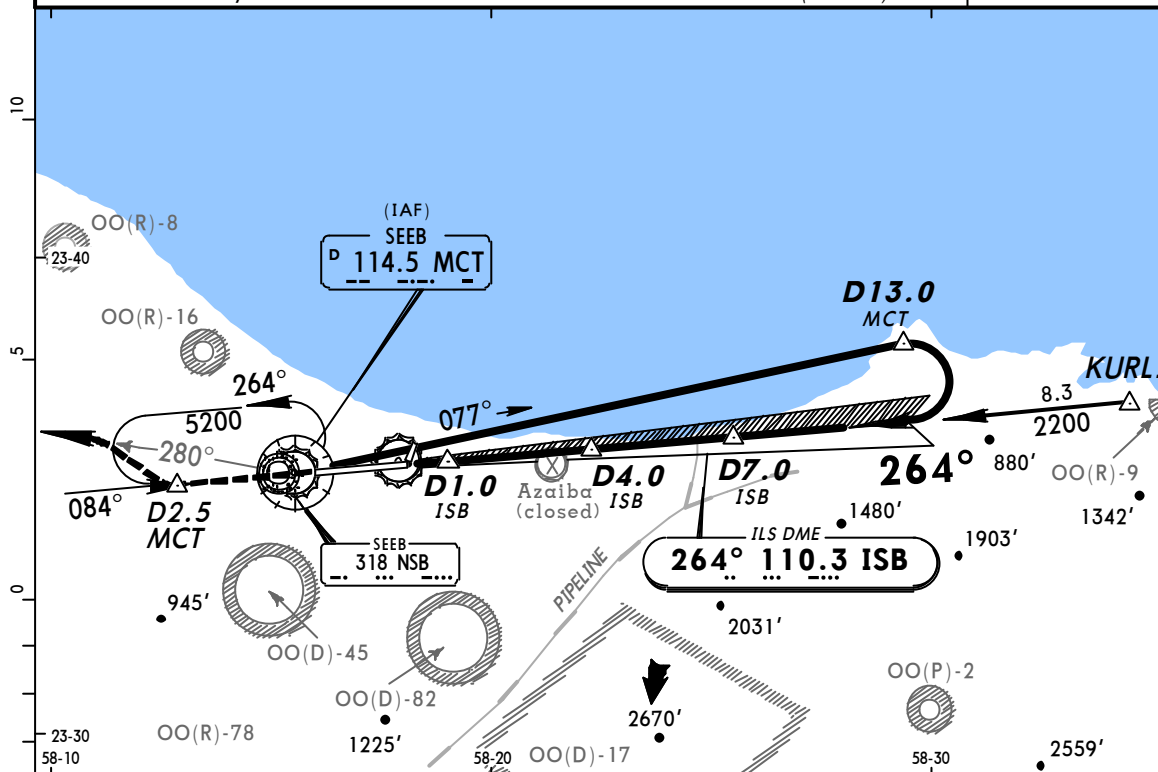
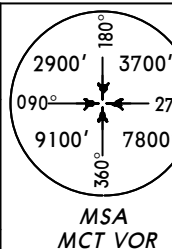
© JEPPESSEN SANDERSON, INC., 1997, 1998. ALL RIGHTS RESERVED.

OOMS  
SEEB INTL

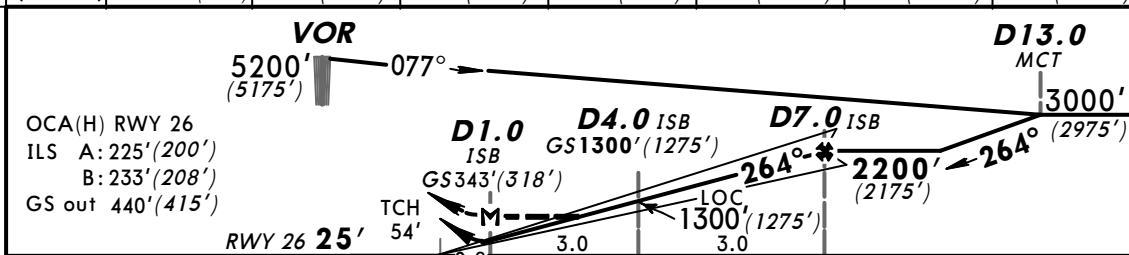
JEPPESSEN  
18 DEC 98  
Eff 31 Dec 11-4

MUSCAT, OMAN  
CAT A & B VOR DME ILS Rwy 26

ATIS 126.8	SEEB Approach (R) 121.2	SEEB Tower 118.4	Ground 121.8
LOC ISB 110.3	Final Apch Crs 264°	GS D4.0 ISB 1300' (1275')	ILS DA(H) Refer to Minimums Apt Elev 48' RWY 25'
<p>MISSED APCH: Climb STRAIGHT AHEAD, at D2.5 MCT (after passing VOR) turn RIGHT climbing via R-280 to 4500', then turn RIGHT and return to VOR at 5200' and hold, or as directed.</p>			
Alt Set: hPa Rwy Elev: 1 hPa Trans level: FL 150 Trans alt: 13000(12975')			



LOC	ISB DME	1.0	2.0	3.0	4.0	5.0	6.0
(GS out)	ALTITUDE (HAT)	350' (325')	670' (645')	980' (955')	1300' (1275')	1620' (1595')	1940' (1915')



Gnd speed-Kts	70	90	100	120	140	160	
ILS GS 3.00° or	377	485	539	647	755	862	
LOC Descent Gradient 5.2%							
MAP at D1.0 ISB							

STRAIGHT-IN LANDING RWY 26				CIRCLE-TO-LAND	
ILS		LOC (GS out)		Not authorized South of rwy 08/26	
DA(H) A: 225' (200') B: 233' (208')		MDA(H) 440' (415')			
FULL	ALS out	FULL	ALS out		
A	800m	1200m	800m	Max Kts 100	490' (442') 1600m
B			1600m	135	540' (492') 1600m
C	SEE 11-3			C	SEE 11-3
D				D	

CHANGES: MSA. Procedure.

© JEPPESSEN SANDERSON, INC., 1997, 1998. ALL RIGHTS RESERVED.



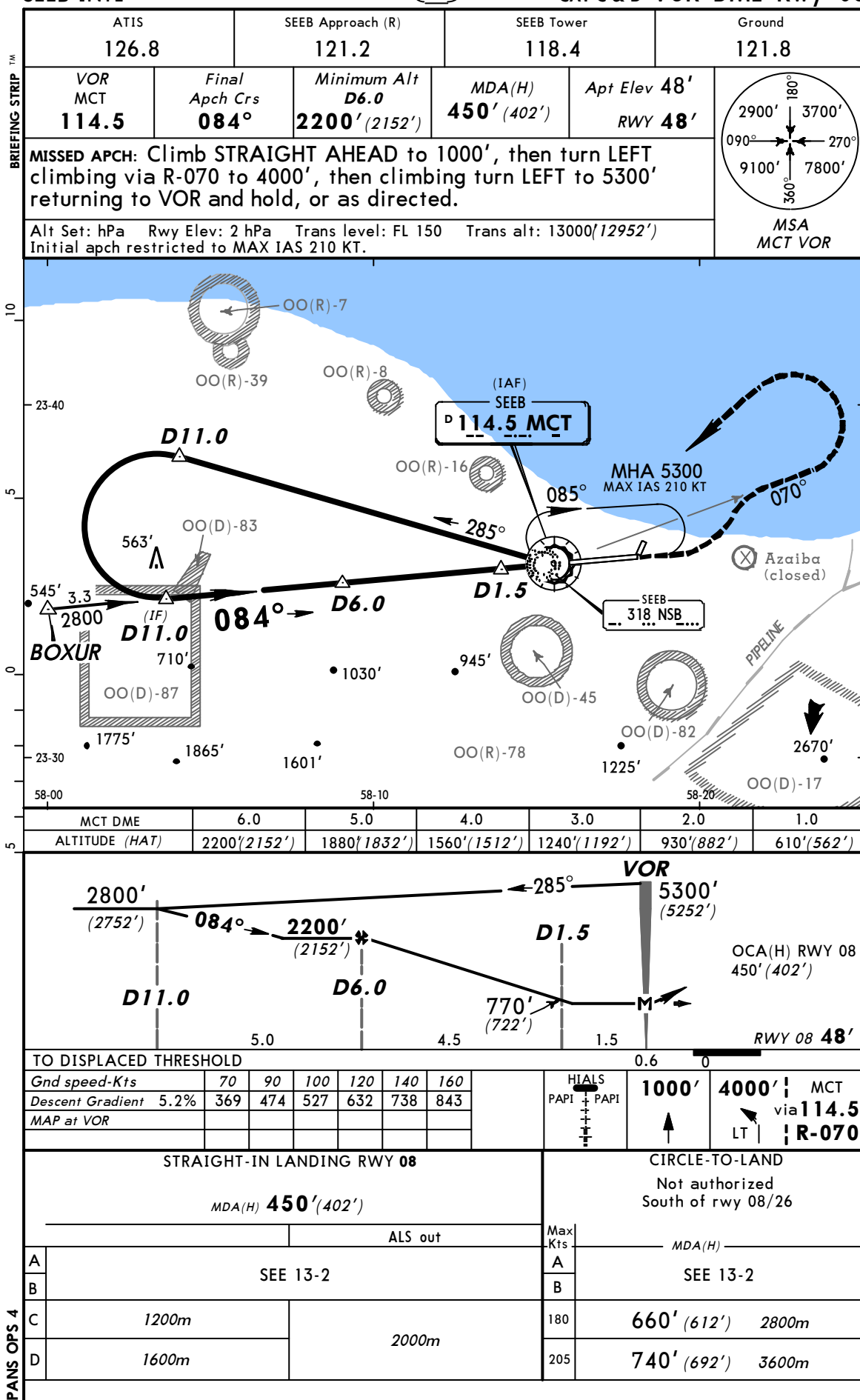
OOMS  
SEEB INTL

JEPPesen

26 NOV 99

13-1

MUSCAT, OMAN  
CAT C & D VOR DME Rwy 08



CHANGES: Minimums.

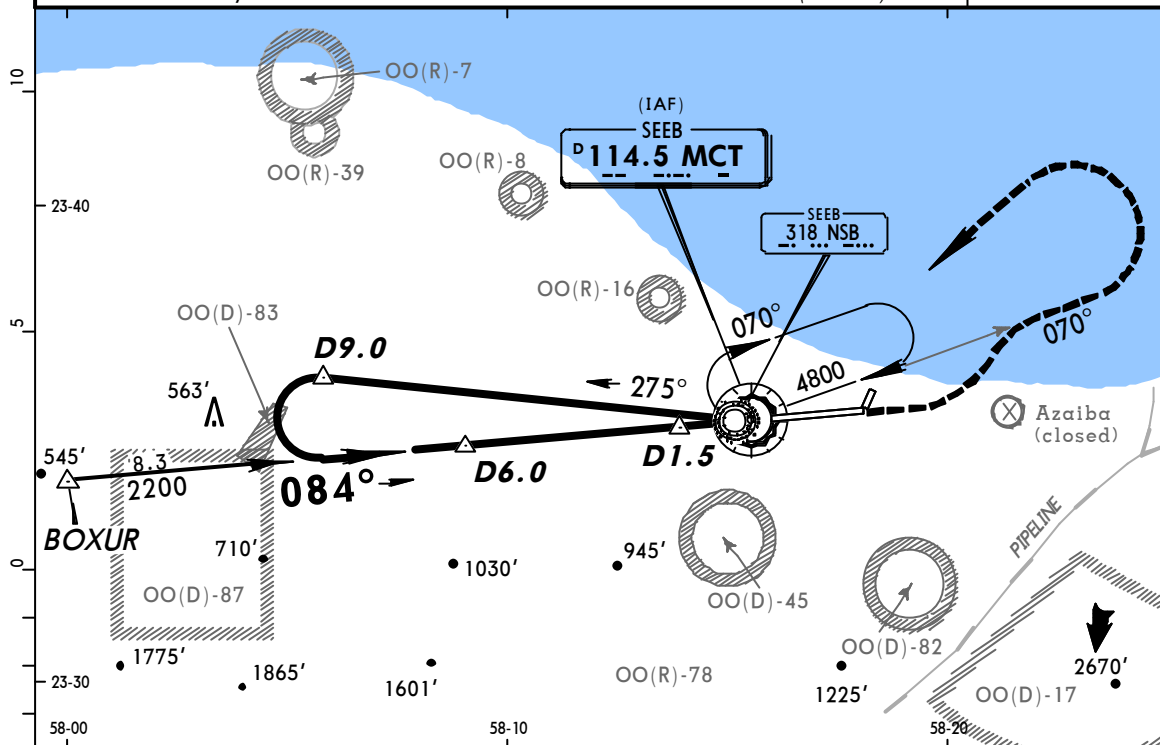
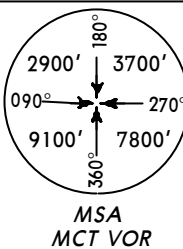
© JEPPESEN SANDERSON, INC., 1997, 1999. ALL RIGHTS RESERVED.

OOMS  
SEEB INTL

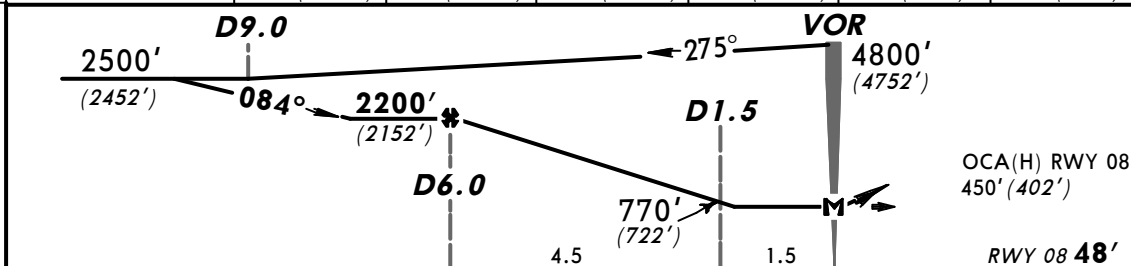
JEPPESSEN  
18 DEC 98  
Eff 31 Dec 13-2

MUSCAT, OMAN  
CAT A & B  
VOR DME Rwy 08

ATIS 126.8	SEEB Approach (R) 121.2	SEEB Tower 118.4	Ground 121.8
VOR MCT 114.5	Final Apch Crs 084°	Minimum Alt D6.0 2200' (2152')	MDA(H) 450' (402') Apt Elev 48' RWY 48'
<p>MISSED APCH: Climb STRAIGHT AHEAD to 1000', then turn LEFT climbing via R-070 to 3000', then climbing turn LEFT to 4800' returning to VOR and hold, or as directed.</p>			
<p>Alt Set: hPa Rwy Elev: 2 hPa Trans level: FL 150 Trans alt: 13000' (12952')</p>			



MCT DME	6.0	5.0	4.0	3.0	2.0	1.0
ALTITUDE (HAT)	2200' (2152')	1880' (1832')	1560' (1512')	1240' (1192')	930' (882')	610' (562')



TO DISPLACED THRESHOLD						
Gnd speed-Kts	70	90	100	120	140	160
Descent Gradient 5.2%	369	474	527	632	738	843
MAP at VOR						

STRAIGHT-IN LANDING RWY 08			CIRCLE-TO-LAND		
MDA(H) 450' (402')			Not authorized South of rwy 08/26		
ALS out		Max Kts	MDA(H)		
A	800m	100	490' (442')	1600m	
B		135	540' (492')	1600m	
C	SEE 13-1		C	SEE 13-1	
D			D		

CHANGES: MSA. Procedure altitude.

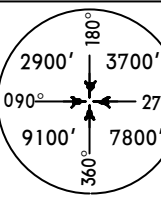
© JEPPESEN SANDERSON, INC., 1997, 1998. ALL RIGHTS RESERVED.

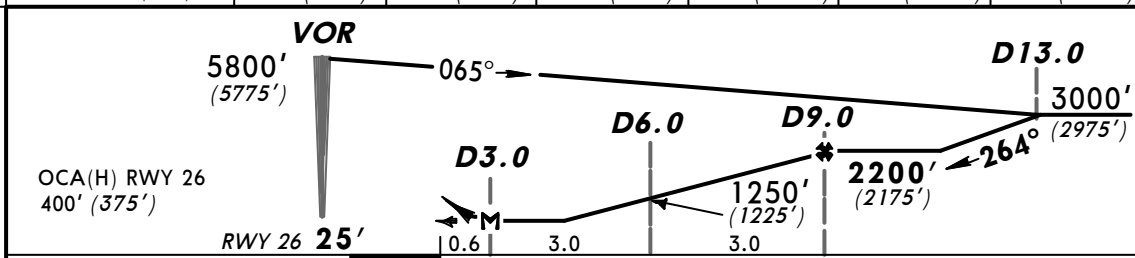
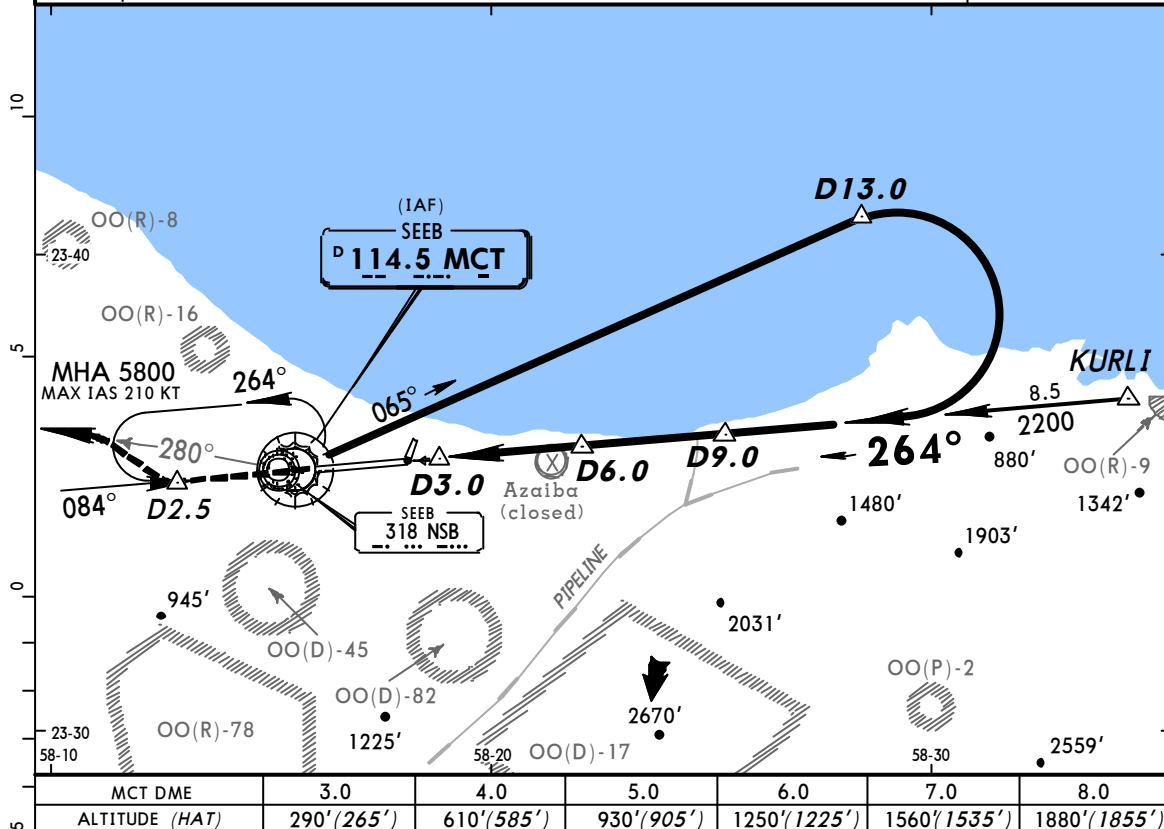


OOMS  
SEEB INTL

JEPPESSEN  
18 DEC 98  
Eff 31 Dec 13-3

MUSCAT, OMAN  
CAT C & D VOR DME Rwy 26

ATIS 126.8		SEEB Approach (R) 121.2		SEEB Tower 118.4		Ground 121.8	
VOR MCT 114.5	Final Apch Crs 264°	Minimum Alt D9.0 2200' (2175')	MDA(H) 400' (375')	Apt Elev 48' RWY 25'			
MISSED APCH: Climb STRAIGHT AHEAD, at D2.5 (after passing VOR) turn RIGHT climbing via R-280 to 4500', then turn RIGHT and return to VOR at 5800' and hold, or as directed.							
Alt Set: hPa Rwy Elev: 1 hPa Trans level: FL 150 Trans alt: 13000' (12975') Initial apch restricted to MAX IAS 210 KT.							
					MSA MCT VOR		



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI PAPI D2.5 after VOR
Descent Gradient 5.2%	369	474	527	632	738	843	
MAP at D3.0							

STRAIGHT-IN LANDING RWY 26				CIRCLE-TO-LAND			
MDA(H) 400' (375')				Not authorized South of rwy 08/26			
ALS out				Max Kts	MDA(H)		
A	SEE 13-4			A	SEE 13-4		
B				B			
C	800m	1600m		180	660' (612')	2800m	
D	1600m	2000m		205	740' (692')	3600m	

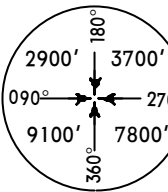
CHANGES: MSA. Procedure. Minimums.

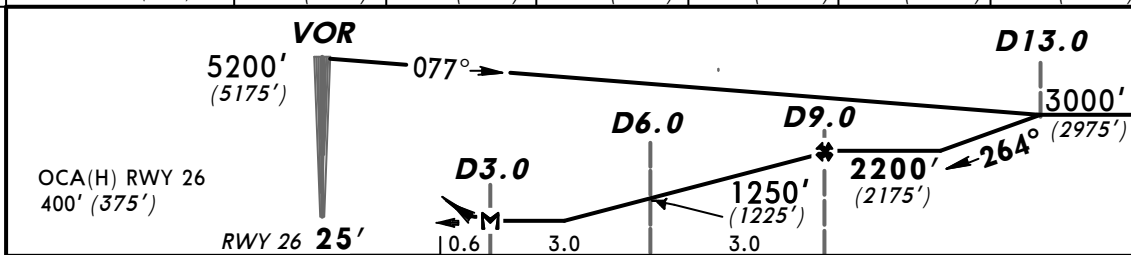
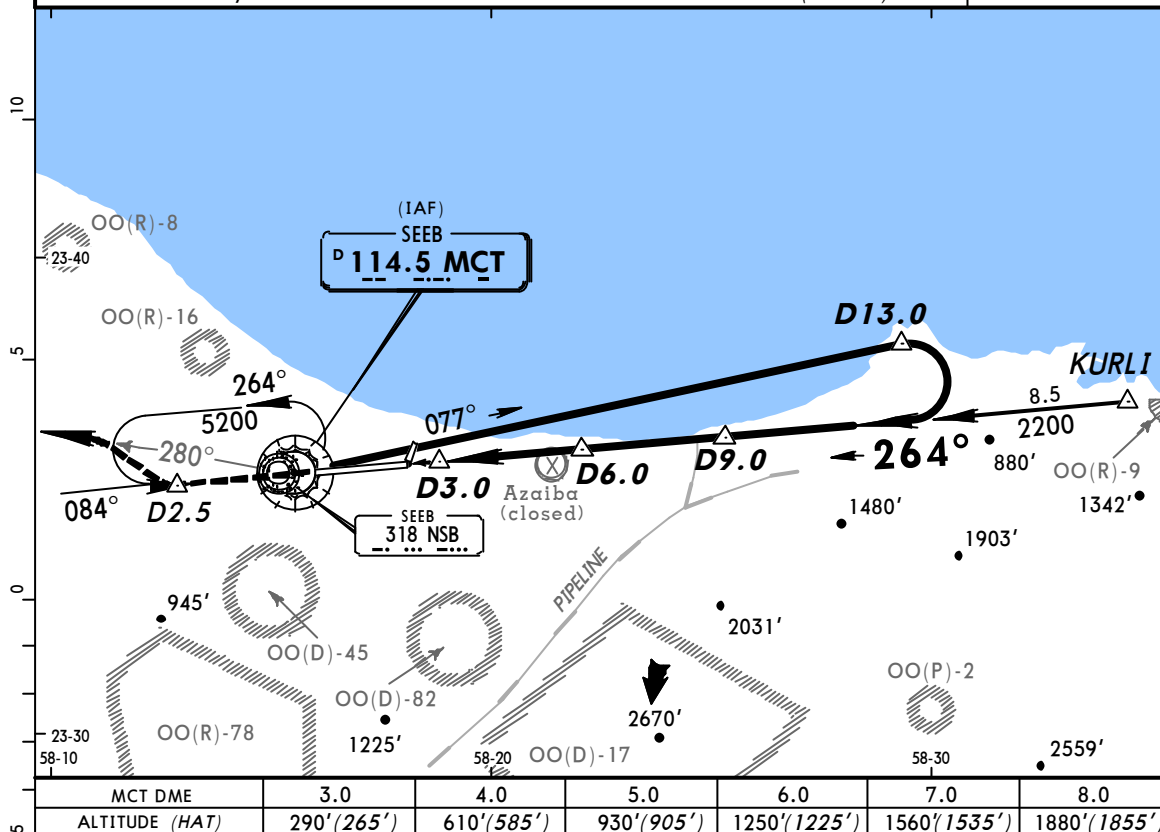
© JEPPESSEN SANDERSON, INC., 1997, 1998. ALL RIGHTS RESERVED.

OOMS  
SEEB INTL

JEPPESSEN  
18 DEC 98  
Eff 31 Dec 13-4

MUSCAT, OMAN  
CAT A & B VOR DME Rwy 26

ATIS 126.8	SEEB Approach (R) 121.2	SEEB Tower 118.4	Ground 121.8
VOR MCT 114.5	Final Apch Crs 264°	Minimum Alt D9.0 2200' (2175')	MDA(H) 400' (375')
Apt Elev 48' RWY 25'			
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, at D2.5 (after passing VOR) turn RIGHT climbing via R-280 to 4500', then turn RIGHT and return to VOR at 5200' and hold, or as directed.			
Alt Set: hPa Rwy Elev: 1 hPa Trans level: FL 150 Trans alt: 13000(12975')			 MSA MCT VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI PAPI D2.5 after VOR
Descent Gradient 5.2%	369	474	527	632	738	843	
MAP at D3.0							

STRAIGHT-IN LANDING RWY 26				CIRCLE-TO-LAND	
MDA(H) 400'(375')				Not authorized South of rwy 08/26	
		ALS out		Max Kts	
A	800m	1600m	100	MDA(H)	
B			490'(442')	1600m	
			135	540'(492')	1600m
C	SEE 13-3			C	SEE 13-3
D				D	

PANS OPS 4

CHANGES: MSA. Procedure. Minimums.

© JEPPESEN SANDERSON, INC., 1997, 1998. ALL RIGHTS RESERVED.

OOMS  
SEEB INTL

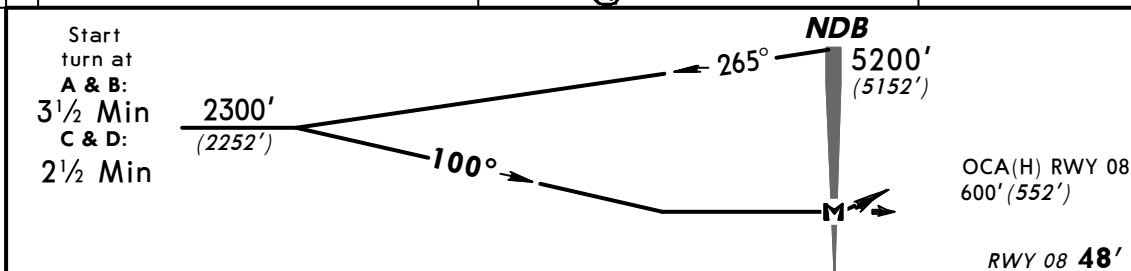
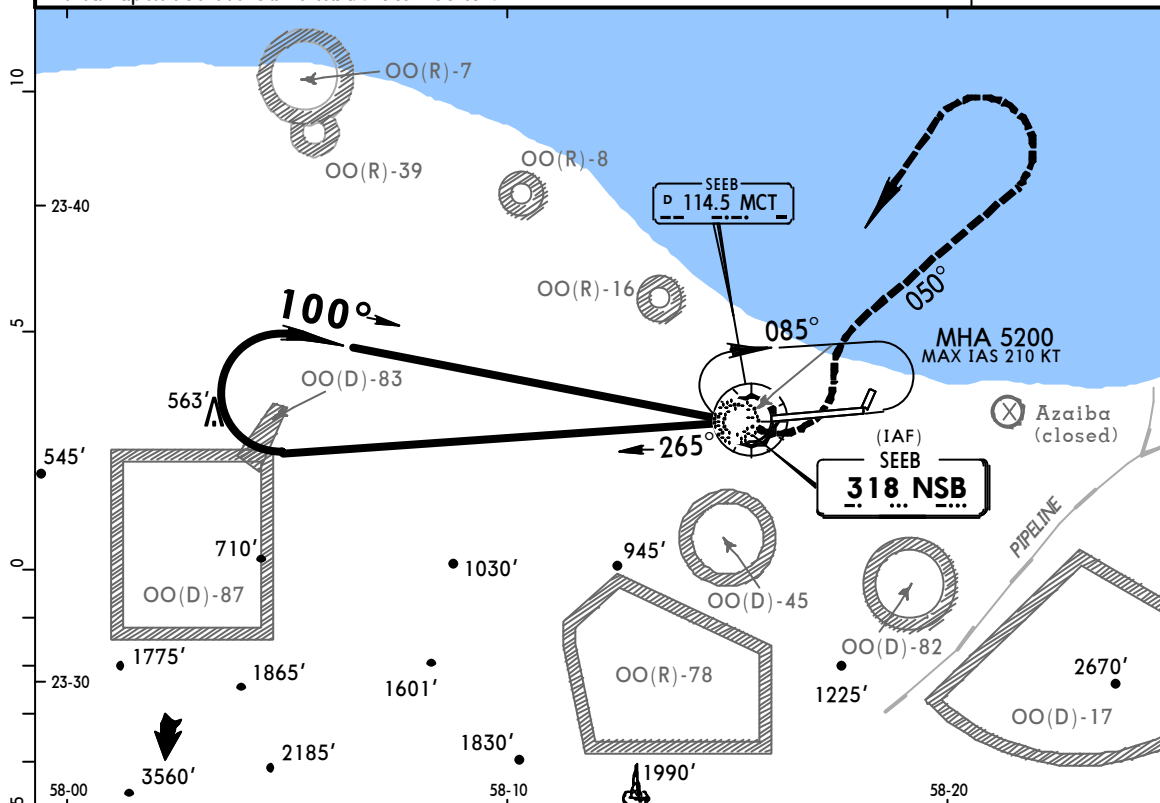
JEPPesen

18 DEC 98

16-1

MUSCAT, OMAN  
NDB Rwy 08

ATIS 126.8	SEEB Approach (R) 121.2	SEEB Tower 118.4	Ground 121.8
NDB NSB 318	Final Apch Crs 100°	Minimum Alt No FAF	MDA(H) 600' (552')
MISSED APCH: As soon as practicable climbing turn LEFT (MAX IAS 200 KT) to intercept 050° from NDB continuing climb to 4000', then turn LEFT and return to NDB at 5200', or as directed.			<div> </div>
Alt Set: hPa Rwy Elev: 2 hPa Trans level: FL 150 Trans alt: 13000(12952') Initial apch restricted to MAX IAS 185 KT.			



TO DISPLACED THRESHOLD						0.9 0	
MAP at NDB						<div> </div>	200KT MAX
STRAIGHT-IN LANDING RWY 08						CIRCLE-TO-LAND Not authorized South of rwy 08/26	
MDA(H) 600' (552')						MDA(H)	
A	1200m	ALS out	1600m	Max Kts	100	600' (552')	1600m
B				135			
C	1600m		2400m	180		660' (612')	2800m
D	2400m		2800m	205		740' (692')	3600m

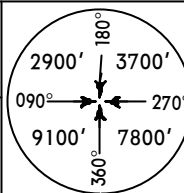
CHANGES: MSA. Procedure. Minimums.

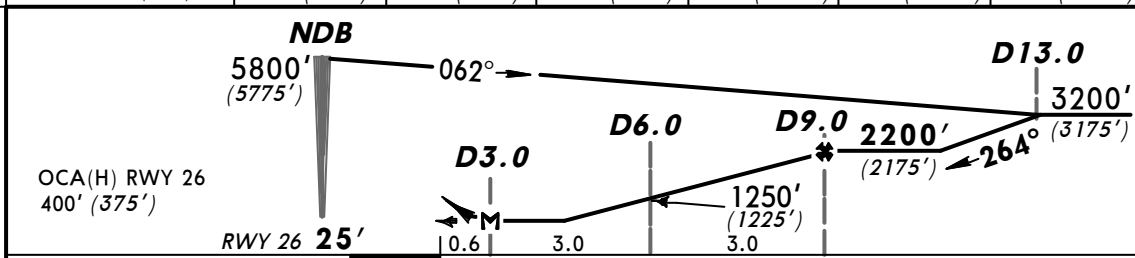
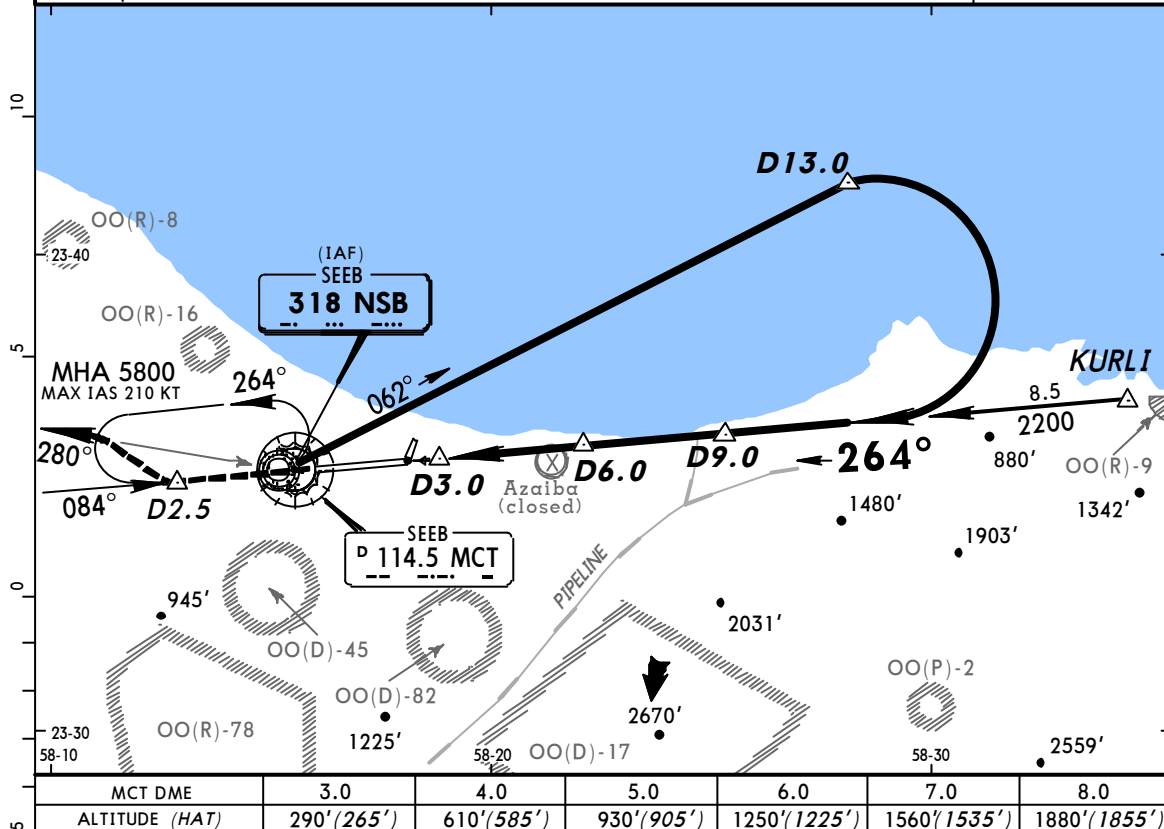
© JEPPESEN SANDERSON, INC., 1997, 1999. ALL RIGHTS RESERVED.

OOMS  
SEEB INTL

JEPPESSEN  
18 DEC 98  
Eff 31 Dec 16-2

MUSCAT, OMAN  
CAT C & D NDB DME Rwy 26

ATIS 126.8		SEEB Approach (R) 121.2		SEEB Tower 118.4		Ground 121.8	
NDB NSB 318	Final Apch Crs 264°	Minimum Alt D9.0 2200' (2175')	MDA(H) 400' (375')	Apt Elev 48' RWY 25'			
MISSED APCH: Climb STRAIGHT AHEAD, at D2.5 (after passing VOR) turn RIGHT climbing on 280° from NDB to 4500', then turn RIGHT and return to NDB at 5800' and hold, or as directed.							
Alt Set: hPa   Rwy Elev: 1 hPa   Trans level: FL 150   Trans alt: 13000' (12975') Initial apch restricted to MAX IAS 185 KT.							



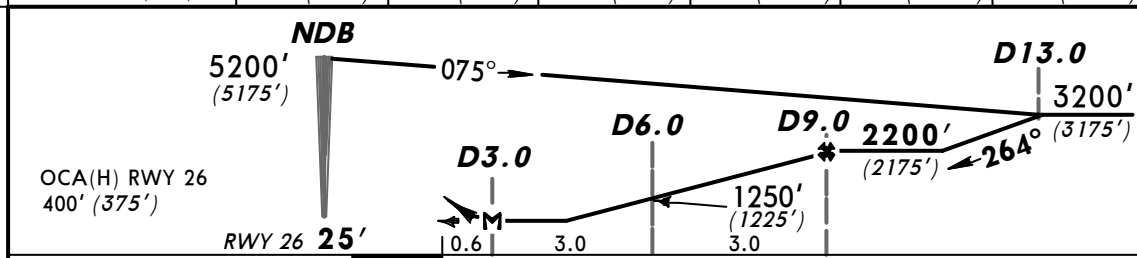
Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI PAPI D2.5 after VOR
Descent Gradient 5.2%	369	474	527	632	738	843	
MAP at D3.0							

STRAIGHT-IN LANDING RWY 26				CIRCLE-TO-LAND			
MDA(H) 400' (375')				Not authorized South of rwy 08/26			
ALS out				MDA(H)			
A	SEE 16-3			Max Kts	SEE 16-3		
B				A			
C	1200m	1600m		180	660' (612')	2800m	
D	1600m	2000m		205	740' (692')	3600m	

CHANGES: New procedure.

© JEPPESSEN SANDERSON, INC., 1998. ALL RIGHTS RESERVED.

**MUSCAT, OMAN**  
**CAT A & B NDB DME Rwy 26**

[illegible]

<i>Gnd speed-Kts</i>	70	90	100	120	140	160	
<i>Descent Gradient 5.2%</i>	369	474	527	632	738	843	
<i>MAP at D3.0</i>							

STRAIGHT-IN LANDING RWY 26			CIRCLE-TO-LAND	
MDA(H) 400' (375')			Not authorized South of rwy 08/26	
		ALS out	Max Kts	MDA(H)
A	1200m	1600m	100	490' (442') 1600m
B			135	540' (492') 1600m
C	SEE 16-2		C	SEE 16-2
D			D	

© JEPPESEN SANDERSON, INC., 1998. ALL RIGHTS RESERVED.

OOMS

Apt Elev 48'

084.4°/1.2 from 114.5 MCT

JEPPesen

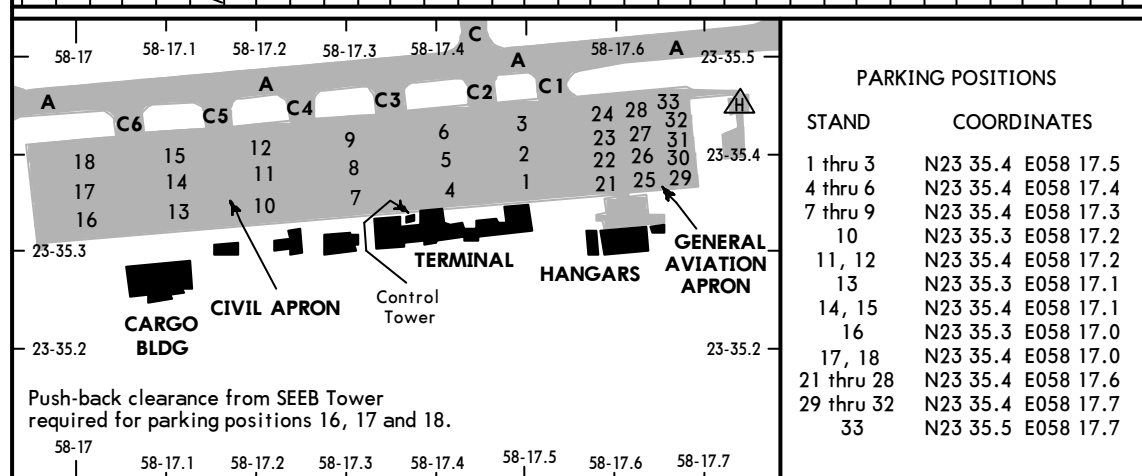
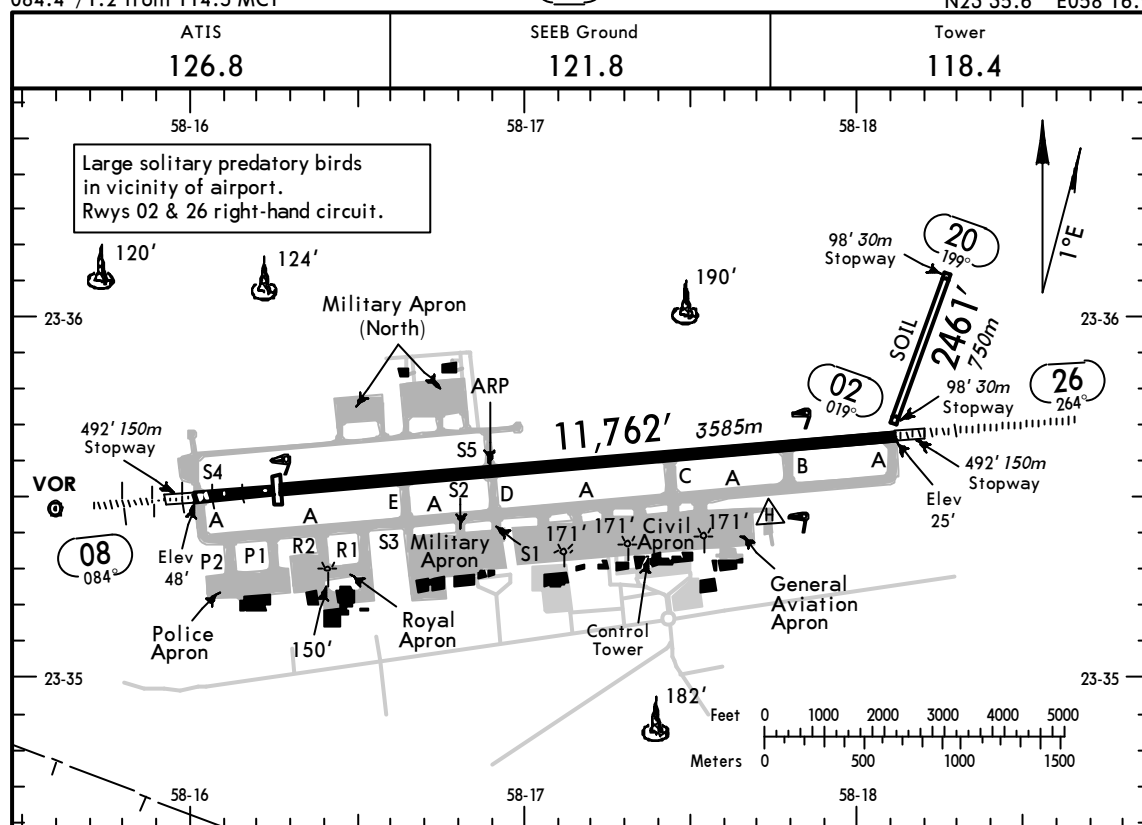
18 DEC 98

(11-1)

MUSCAT, OMAN

SEEB INTL

N23 35.6 E058 16.9



## PARKING POSITIONS

STAND	COORDINATES
1 thru 3	N23 35.4 E058 17.5
4 thru 6	N23 35.4 E058 17.4
7 thru 9	N23 35.4 E058 17.3
10	N23 35.3 E058 17.2
11, 12	N23 35.4 E058 17.2
13	N23 35.3 E058 17.1
14, 15	N23 35.4 E058 17.1
16	N23 35.3 E058 17.0
17, 18	N23 35.4 E058 17.0
21 thru 28	N23 35.4 E058 17.6
29 thru 32	N23 35.4 E058 17.7
33	N23 35.5 E058 17.7

## ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS			WIDTH
		LANDING BEYOND		TAKE-OFF	
		Threshold	Glide Slope		
02	20				98' 30m
08	26	10,384' 3165m	9334' 2845m		148' 45m
			10,728' 3270m		

① Rwy 02/20 available HJ and VMC only.

## TAKE-OFF

AIR CARRIER			
All Rwy's			
HIRL			
A	RVR 250m		
B	RVR 300m		
C			
D	RVR 400m		

CHANGES: Parking note withdrawn.

© JEPPESEN SANDERSON, INC., 1997, 1999. ALL RIGHTS RESERVED.