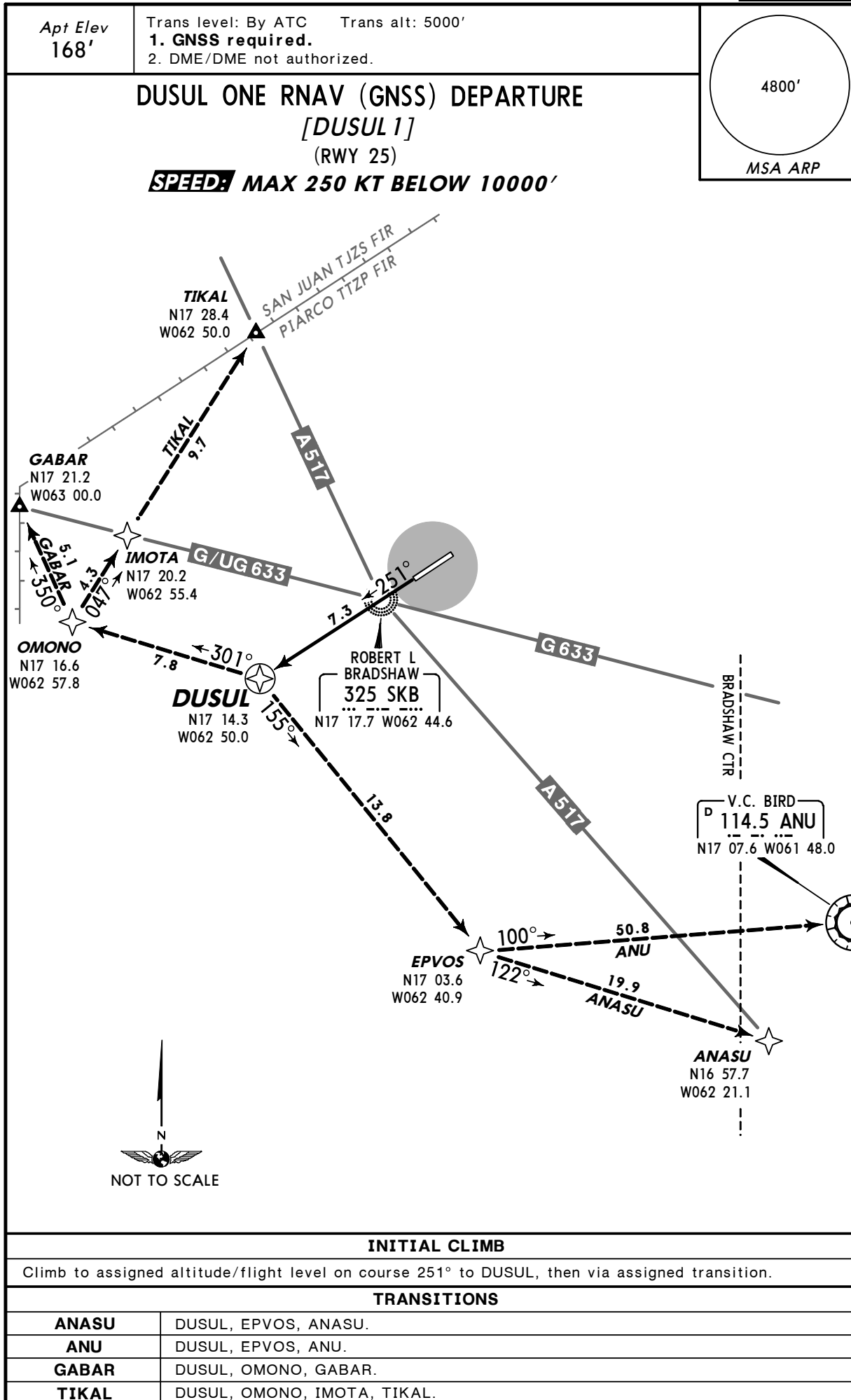


**TKPK/SKB**  
**BRADSHAW INTL**

**JEPPESEN**  
 23 DEC 11 **(10-3)**

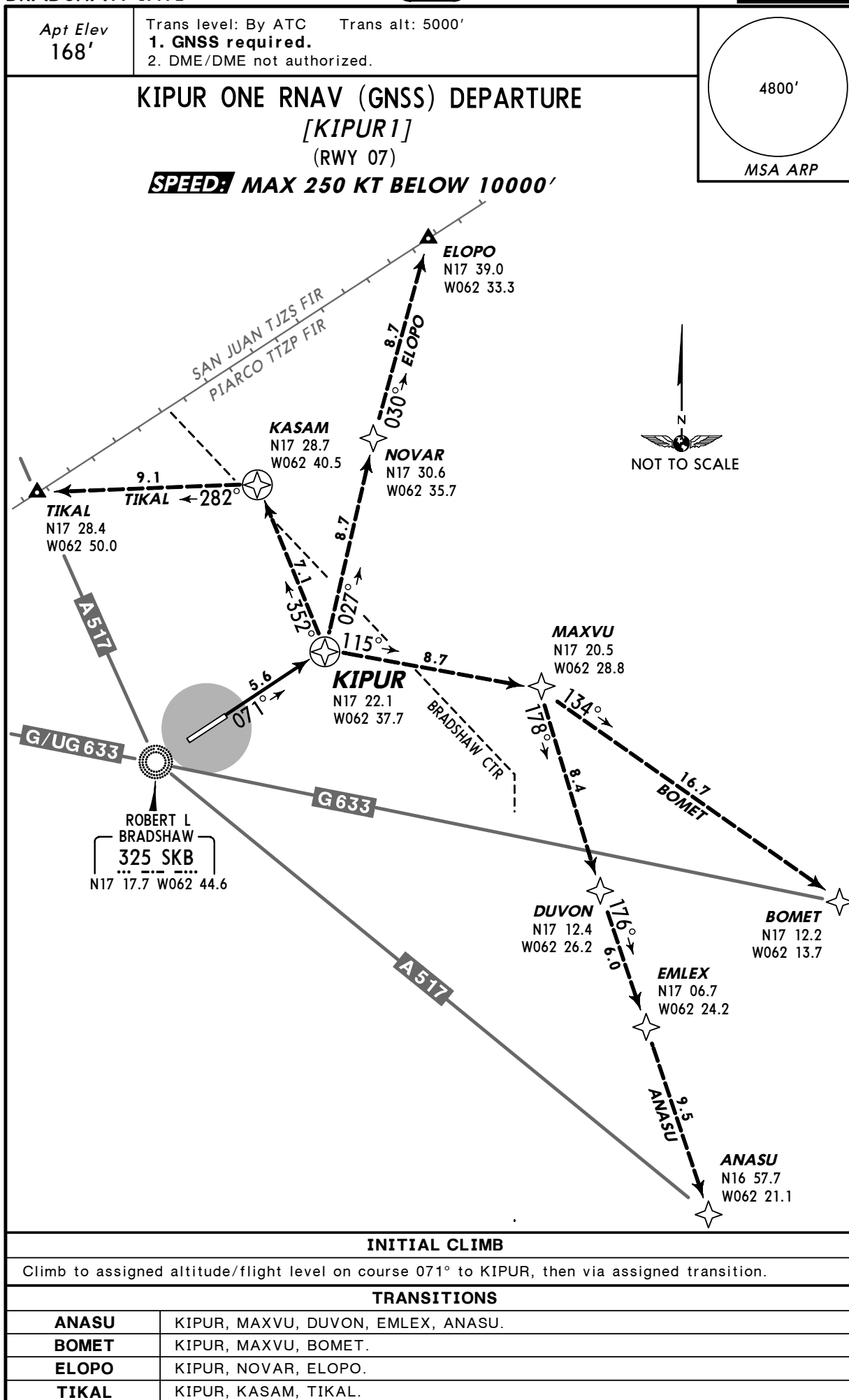
**ST KITTS I,  
 ST KITTS**  
**RNAV SID**



**TKPK/SKB**  
**BRADSHAW INTL**

**JEPPESSEN**  
 23 DEC 11 **(10-3A)**

**ST KITTS I,  
 ST KITTS**  
**RNAV SID**



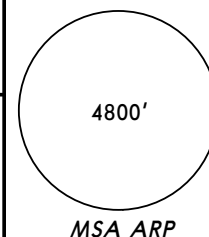
**TKPK/SKB**  
**BRADSHAW INTL**

**JEPPESSEN**  
23 DEC 11 **(10-3B)**

**ST KITTS I,  
ST KITTS**  
**RNAV SID**

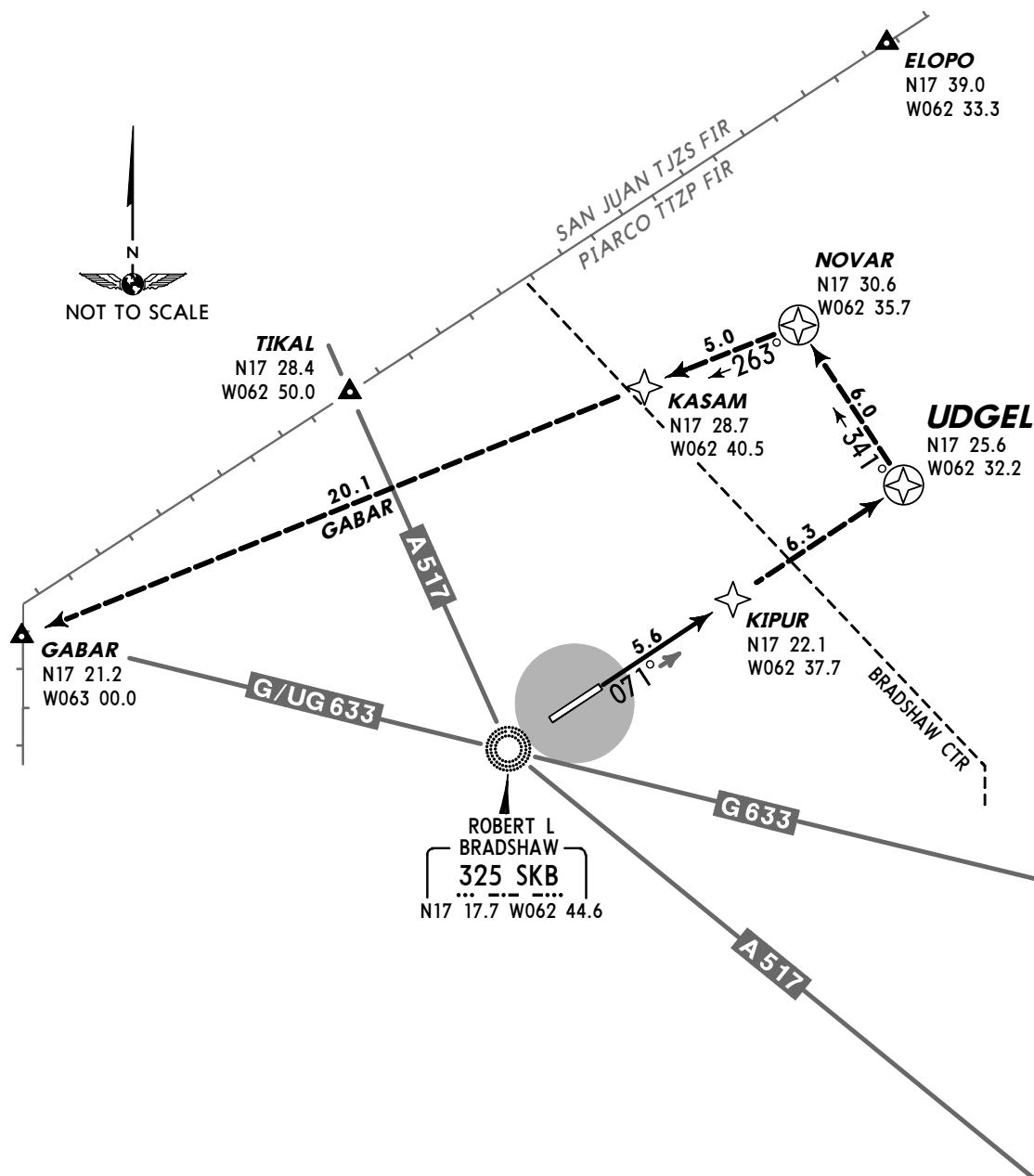
Apt Elev  
**168'**

Trans level: By ATC    Trans alt: 5000'  
**1. GNSS required.**  
2. DME/DME not authorized.



**UDGEL ONE RNAV (GNSS) DEPARTURE**  
**[UDGEL 1]**  
(RWY 07)

***SPEED: MAX 250 KT BELOW 10000'***



**INITIAL CLIMB**

Climb to assigned altitude/flight level on course 071° to KIPUR, then via assigned transition.

**TRANSITION**

**GABAR**

KIPUR, UDGEL, NOVAR, KASAM, GABAR.

**TKPK/SKB**

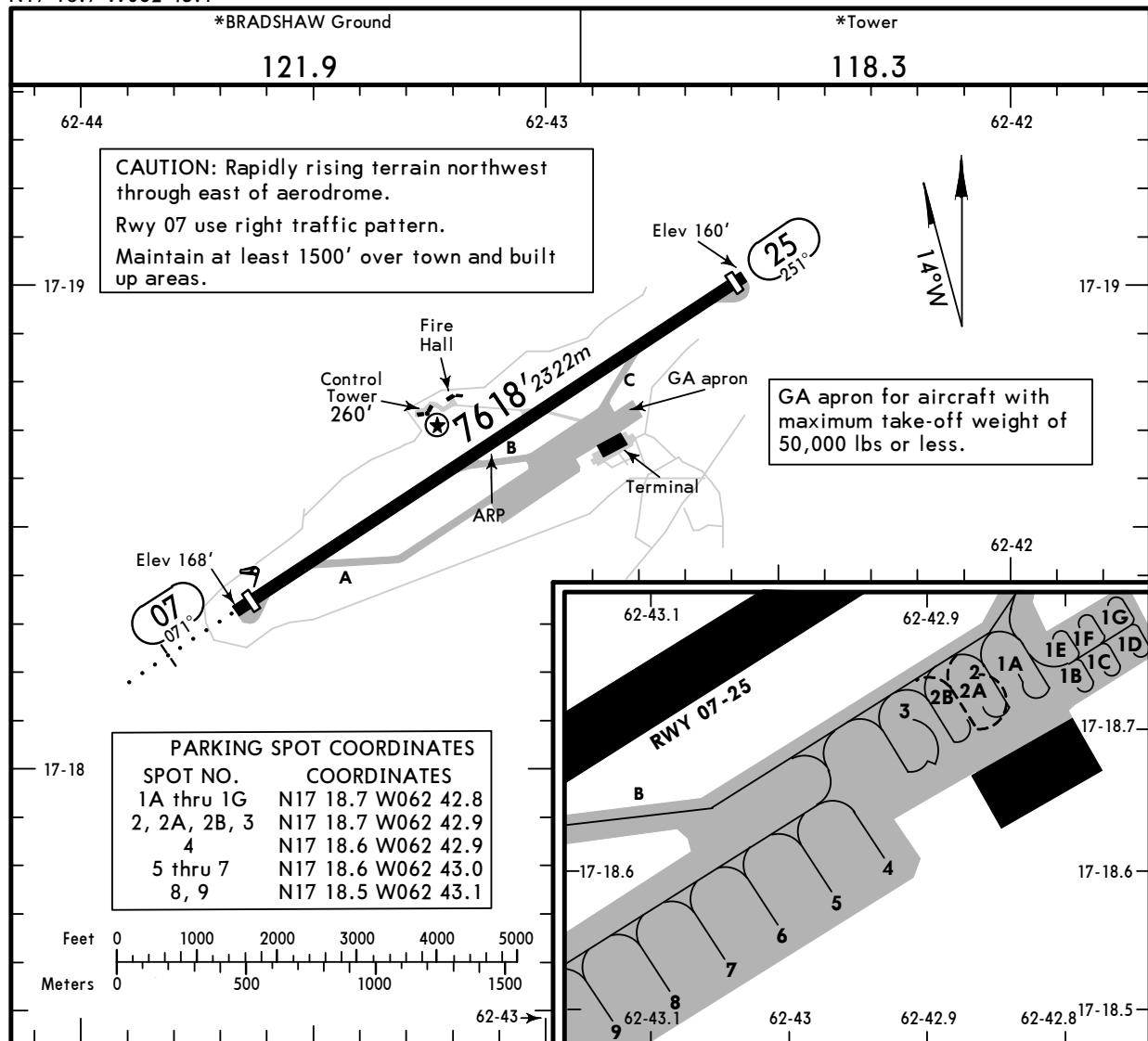
Apt Elev **168'**  
N17 18.7 W062 43.1

**JEPPesen**

21 NOV 14 (10-9)

**ST KITTS I, ST KITTS**

**BRADSHAW INTL**



RWY		USABLE LENGTHS			
		Threshold	Glide Slope	TAKE-OFF	WIDTH
07	MIRL SALS PAPI-L (angle 3.45°)	7379' 2249m			148'
25	MIRL PAPI-L (angle 3.0°)	7480' 2280m			45m

TAKE-OFF					
AIR CARRIER (JAA)			AIR CARRIER (FAR 121)		
LVP must be in force ALL Rwys RCLM (Day only) or RL	All Rwys RCLM (Day only) or RL		All Rwys Adequate Vis Ref		
A	250m	400m	2 Eng	400m	
B			3 & 4 Eng		
C					
D	300m				

**TKPK/SKB**  
**BRADSHAW INTL**

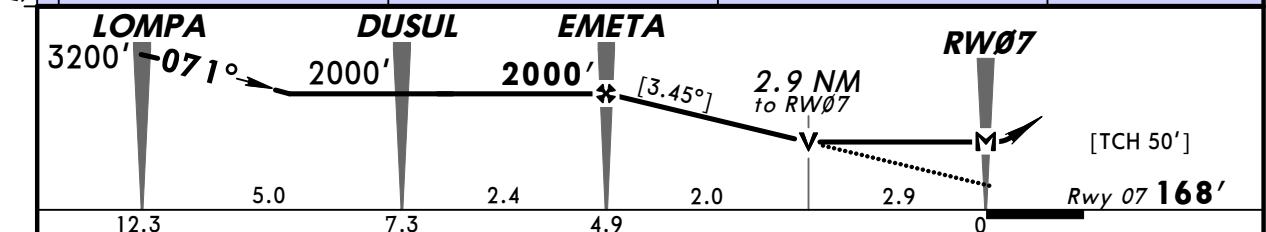
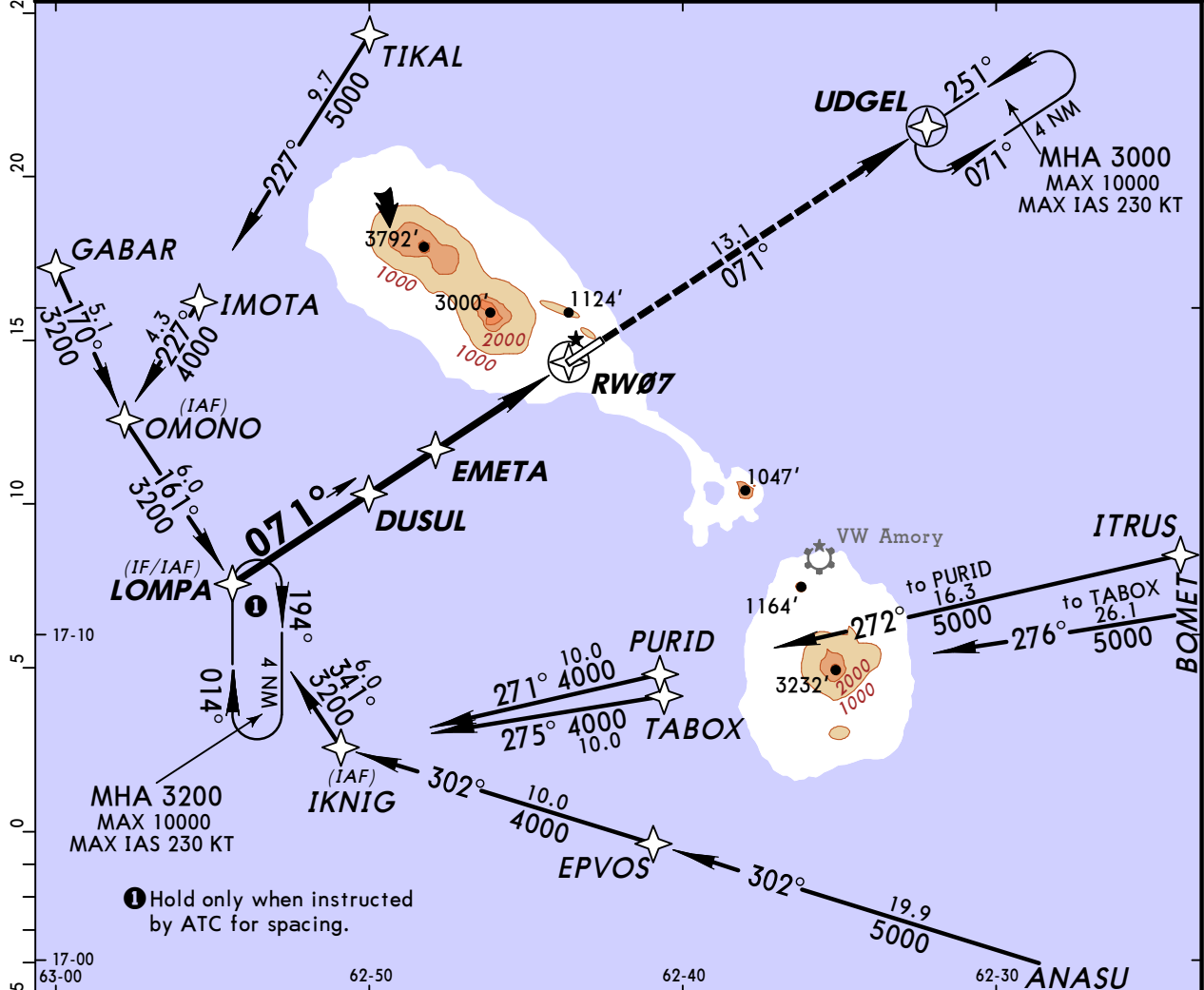
**JEPPesen**  
6 JAN 12 (12-1)

**ST KITTS I, ST KITTS**  
**RNAV (GNSS) Rwy 07**

BRIEFING STRIP™

*BRADSHAW Approach 119.6		*BRADSHAW Tower 118.3		*Ground 121.9	
RNAV	Final Aptch Crs 071°	Minimum Alt EMETA 2000' (1832')	MDA(H) 1270' (1102')	Apt Elev 168' Rwy 07 168'	<div>4800'</div> <div>MSA ARP</div>
MISSED APCH: Climb to 3000' direct UDGEL and hold, or as directed by ATC.					
Alt Set: INCHES                      Trans level: By ATC                      Trans alt: 5000' 1. GNSS Required.   2. DME/DME not authorized.   3. Unless ATC clearance is obtained for an RNAV/GNSS procedure, the navigation and position-reporting of all aircraft shall be conducted with reference to conventional ground-based navigation aids.					

5



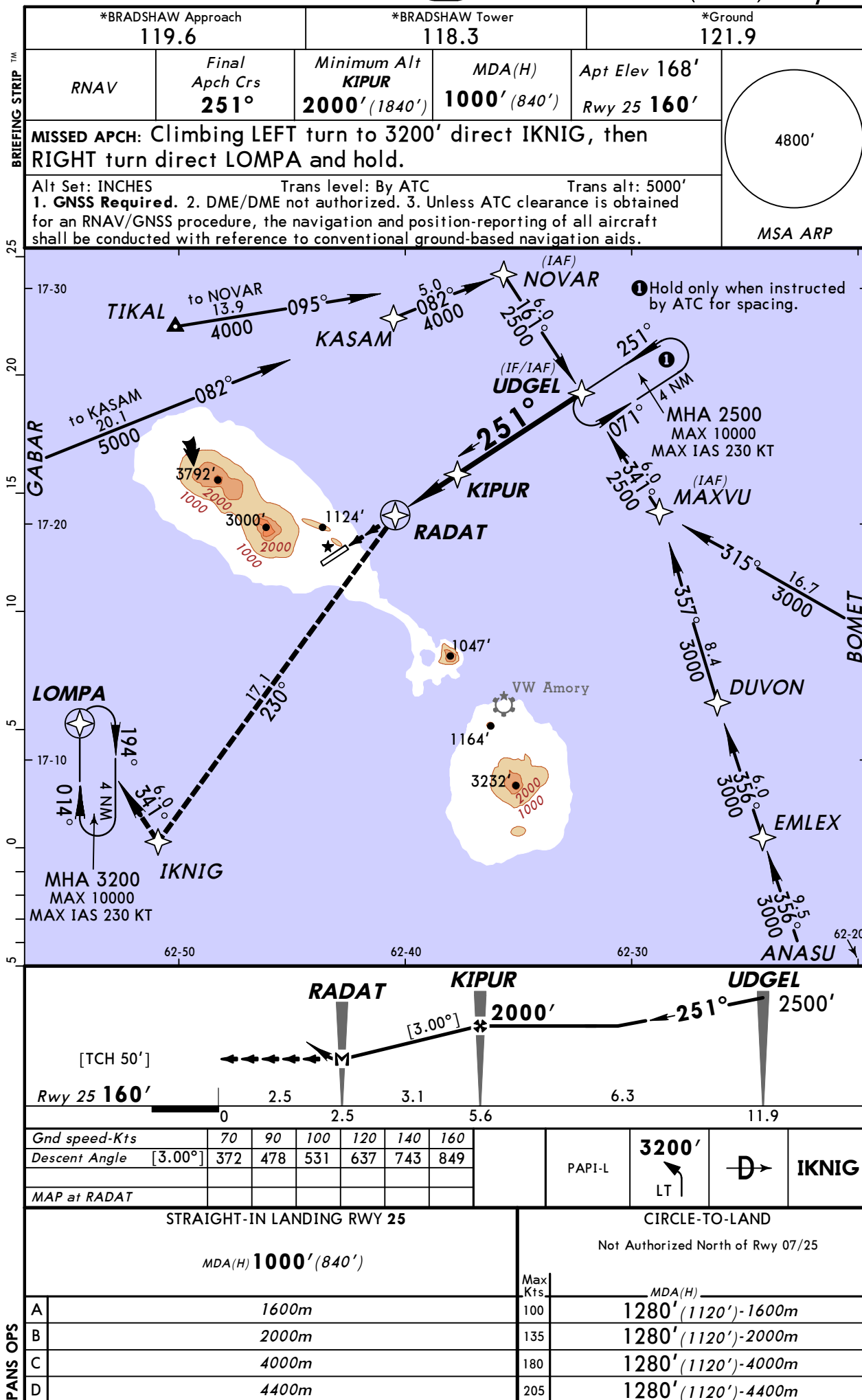
Gnd speed-Kts	70	90	100	120	140	160
Descent Angle [3.45°]	427	549	611	733	855	977
MAP at RW07						

STRAIGHT-IN LANDING RWY 07			CIRCLE-TO-LAND		
MDA(H) <b>1270' (1102')</b>			Not Authorized North of Rwy 07/25		
ALS out			Max Kts		
A	2000m	100	1270' (1102') -2000m		
B	2400m	135	1270' (1102') -2400m		
C	4800m	180	1270' (1102') -4800m		
D		205	1280' (1112') -4800m		

**TKPK/SKB**  
**BRADSHAW INTL**

**JEPPESSEN**  
6 JAN 12 (12-2)

**ST KITTS I, ST KITTS**  
**RNAV (GNSS) Rwy 25**





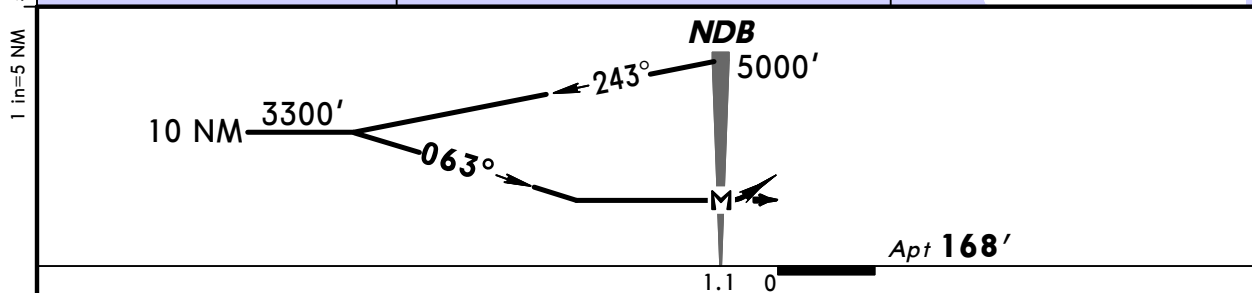
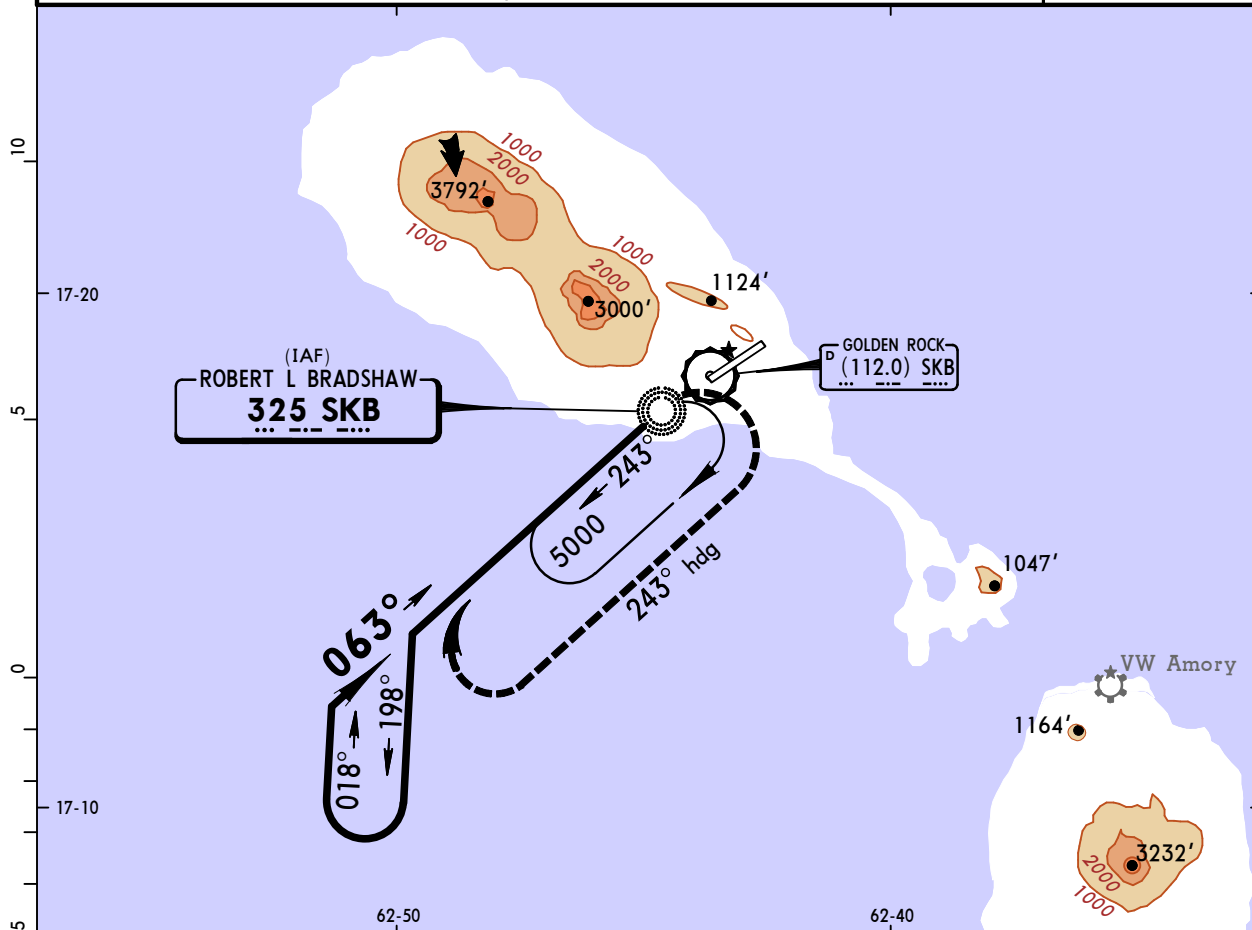
**TKPK/SKB**  
**BRADSHAW INTL**

**JEPPesen**  
6 JAN 12 (16-2)

**ST KITTS I, ST KITTS**  
**NDB-A Rwy 07**

BRIEFING STRIP™

*BRADSHAW Approach		*BRADSHAW Tower		*Ground	
119.6		118.3		121.9	
NDB SKB <b>325</b>	Final Apch Crs <b>063°</b>	No FAF	MDA(H) Refer to Minimums	Apt Elev <b>168'</b>	<p>5000'↖240° 060°↗4300'</p>
MISSED APCH: Climbing RIGHT turn to 3500' on 243° heading, then climbing RIGHT turn to 5000', return to SKB NDB and hold.					
Alt Set: INCHES		Trans level: By ATC		Trans alt: 5000'	
1. Procedure not authorized when Twr inop.					
MSA SKB NDB					



					SALS	3500'	243°	5000'	SKB
					PAPI	RT	hdg	RT	325
MAP at NDB									

		CIRCLE-TO-LAND		
		Not Authorized North of Rwy 07/25		
PANS OPS		Max Kts	MDA(H)	
	A	100	1580' (1412')-1760m	
	B	135	1580' (1412')-2080m	
	C	180	1580' (1412')-4160m	
	D	205		



**MUGM/NBW**  
**GUANTANAMO BAY, CUBA**



**JEPPESEN**

(30-2)

30 JAN 15

**GUANTANAMO BAY NAS**

**RNAV STAR**

*Apt Elev*  
**60'**

Alt Set: INCHES Trans level: FL180 Trans alt: 18000'

**1. RNAV 1.**

2. COPTER only.

3. RNP capable aircraft use 2.0 RNP.

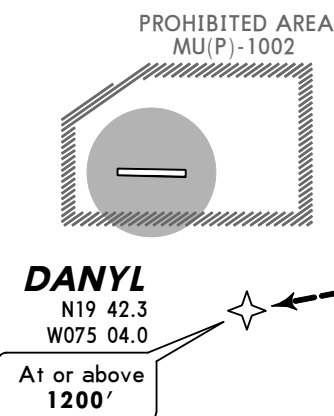
4. DME/DME not authorized.

5. CAUTION: Approach conducted in uncontrolled airspace. No IFR service/separation available. Military aircraft use due regard.

**DANYL THREE RNAV ARRIVAL  
(DANYL.DANYL3)**

**MU(P)-1002 NAVAL AIRSPACE RESERVATION**

At no time shall aircraft, other than public aircraft of the United States, be navigated into Guantanamo Bay Naval Airspace Reservation unless authorized by Commander, Guantanamo Bay Naval Base.



Direct distance from DANYL to:  
Guantanamo Bay NAS 14 NM



**BYGON**  
N20 32.0  
W073 48.9

1200  
COPTER  
(BYGON.DANYL3)  
199°  
38.3

**EASTP**  
N19 54.3  
W073 56.9

1200  
64.4

267°

LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST  
In the event of lost communications, proceed with assigned route to DANYL. Proceed with expected approach procedure. MAINTAIN 1200' or last assigned altitude, whichever is higher.  
LOST COMMS ▼ LOST COMMS ▼

**TRANSITION**

**COPTER**

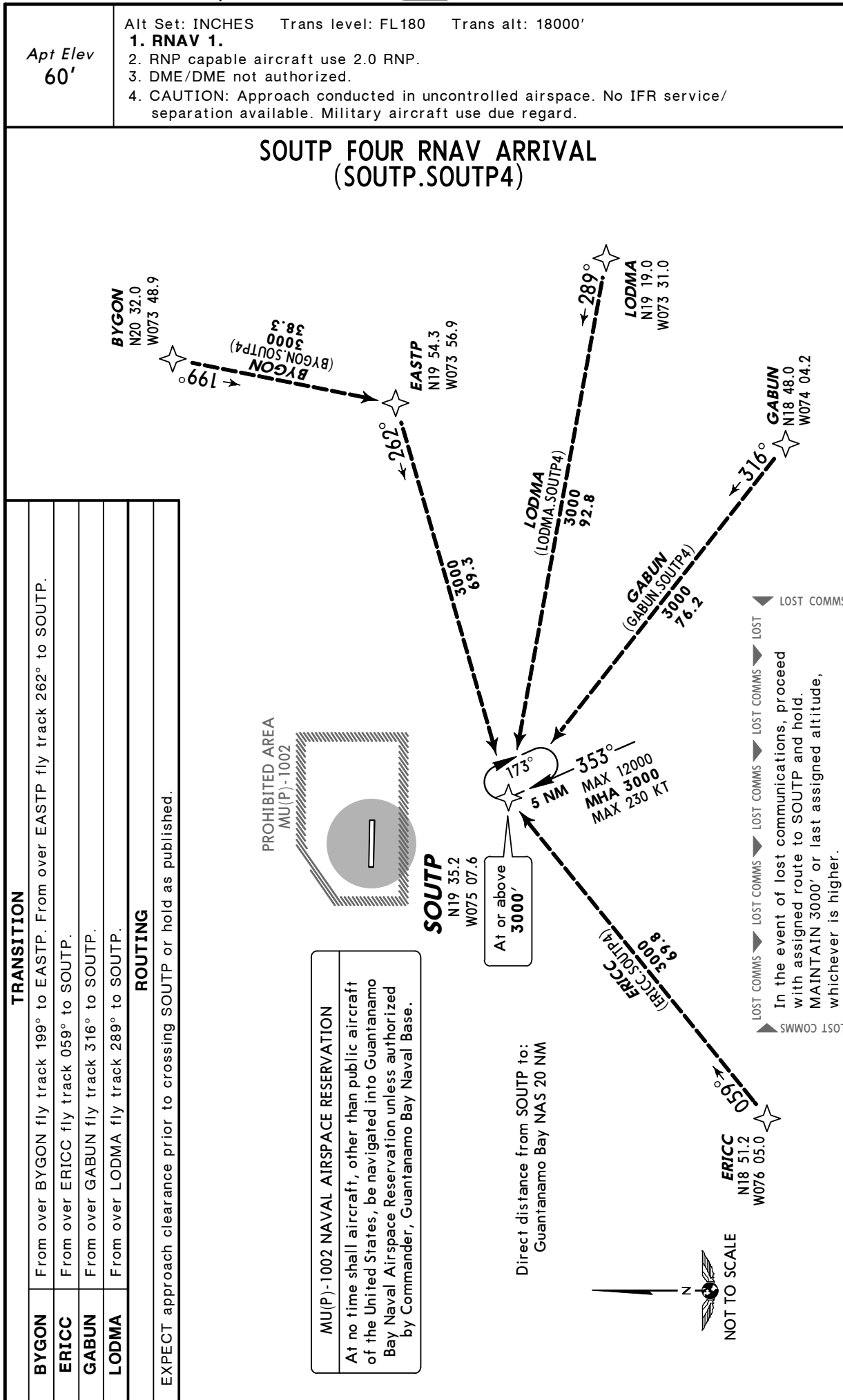
From over BYGON fly track 199° to EASTP. From over EASTP fly track 267° to DANYL. EXPECT approach clearance prior to crossing DANYL.

# MUGM/NBW GUANTANAMO BAY, CUBA

**JEPPESEN**  
 (30-2A)

30 JAN 15

# GUANTANAMO BAY NAS RNAV STAR



**MUGM/NBW**  
**GUANTANAMO BAY, CUBA**



**JEPPESEN**

(30-3)

30 JAN 15

**GUANTANAMO BAY NAS**

**RNAV DP**

*Apt Elev*  
**60'**

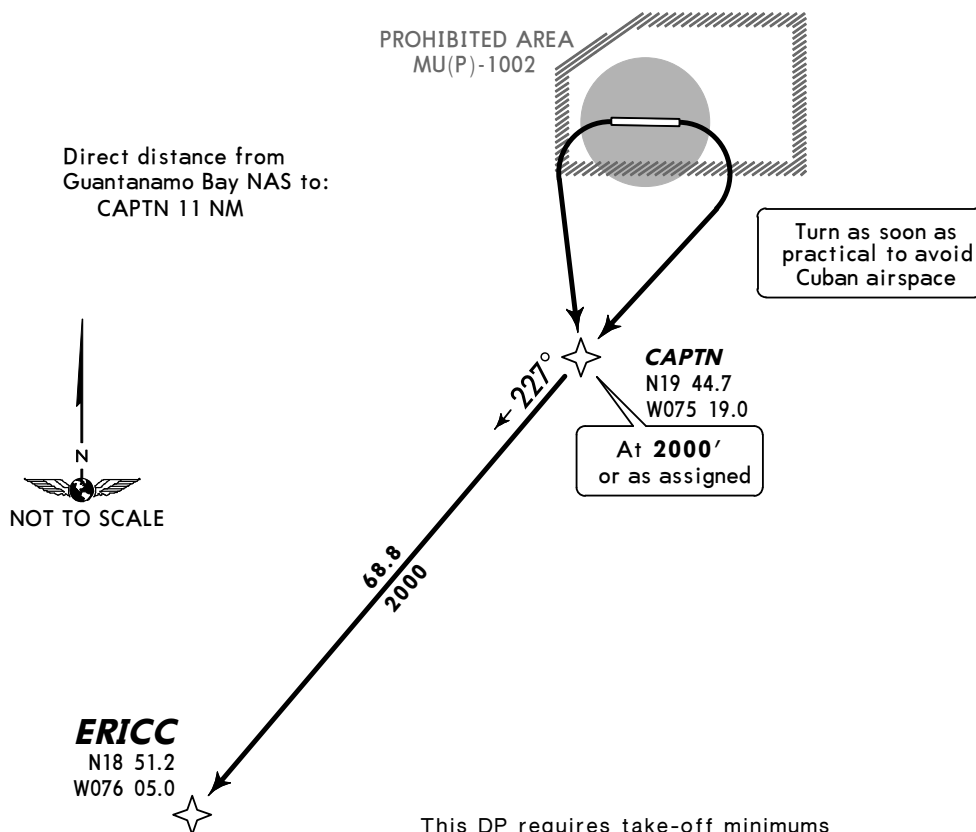
Trans level: FL180 Trans alt: 18000'

1. **RNAV 1.**
2. **GPS required.**
3. DME/DME not authorized.
4. For use by /E, /F, /G and /R (RNP 2.0) equipped aircraft only.
5. **CAUTION:** Approach conducted in uncontrolled airspace. No IFR service/separation available. Military aircraft use due regard.

**ERICC THREE RNAV DEPARTURE**  
**(ERICC3.ERICC)**  
***OBSTACLE***

**MU(P)-1002 NAVAL AIRSPACE RESERVATION**

At no time shall aircraft, other than public aircraft of the United States, be navigated into Guantanamo Bay Naval Airspace Reservation unless authorized by Commander, Guantanamo Bay Naval Base.



**OBSTACLES**

Rwy 28: Terrain 66' from DER, 500' RIGHT of centerline, 66' MSL. Terrain 63' from DER, 517' RIGHT of centerline, 67' MSL. Terrain 456' from DER, 554' RIGHT of centerline, 72' MSL. Terrain 253' from DER, 568' RIGHT of centerline, 73' MSL. Terrain 5345' from DER, 1671' RIGHT of centerline, 197' MSL.

This DP requires take-off minimums (for standard minimums, refer to airport chart):  
Rwy 10: Standard (or lower than standard, if authorized) with minimum climb of 282' per NM to 700'.  
Rwy 28: Standard (or lower than standard, if authorized) with minimum climb of 355' per NM to 700'.

Gnd speed-KT	75	100	150	200	250	300
282' per NM	353	470	705	940	1175	1410
355' per NM	444	592	888	1183	1479	1775

RWY	INITIAL CLIMB
10	Cross DER at least 35' AGL/83' MSL, then climbing RIGHT turn to 2000' direct CAPTN. Cross CAPTN at 2000' or as assigned.
28	Cross DER at least 35' AGL/95' MSL, then climbing LEFT turn to 2000' direct CAPTN. Cross CAPTN at 2000' or as assigned.
ROUTING	
From CAPTN, fly track 227° to ERICC.	

**MUGM/NBW**  
**GUANTANAMO BAY, CUBA**



**JEPPESEN**

(30-3A)

30 JAN 15

**GUANTANAMO BAY NAS**

**RNAV DP**

Apt Elev  
60'

- Trans level: FL180 Trans alt: 18000'
1. RNAV 1.
  2. GPS required.
  3. DME/DME not authorized.
  4. For use by /E, /F, /G and /R (RNP 2.0) equipped aircraft only.
  5. CAUTION: Approach conducted in uncontrolled airspace. No IFR service/separation available. Military aircraft use due regard.

**GTMOD FOUR RNAV DEPARTURE**  
**(GTMOD4.DANYL)**  
**OBSTACLE**

**MU(P)-1002 NAVAL AIRSPACE RESERVATION**

At no time shall aircraft, other than public aircraft of the United States, be navigated into Guantanamo Bay Naval Airspace Reservation unless authorized by Commander, Guantanamo Bay Naval Base.

PROHIBITED AREA  
MU(P)-1002

Direct distance from  
Guantanamo Bay NAS to:  
DANYL 14 NM

Turn as soon as  
practical to avoid  
Cuban airspace

**DANYL**  
N19 42.3  
W075 04.0

At 2000'  
or as assigned

**BYGON**  
N20 32.0  
W073 48.9

**BYGON**  
(GTMOD4.BYGON)

**EASTP**  
N19 54.3  
W073 56.9

NOT TO SCALE

**LODMA**  
(GTMOD4.LODMA)

**LODMA**  
N19 19.0  
W073 31.0

**GABUN**  
(GTMOD4.GABUN)

**GABUN**  
N18 48.0  
W074 04.2

This DP requires take-off minimums  
(for standard minimums, refer to airport chart):  
Rwy 10: Standard (or lower than standard, if  
authorized) with minimum climb of 282' per NM  
to 700'.  
Rwy 28: Standard (or lower than standard, if  
authorized) with minimum climb of 350' per NM  
to 700'.

Gnd speed-KT	75	100	150	200	250	300
282' per NM	353	470	705	940	1175	1410
350' per NM	438	583	875	1167	1458	1750

**OBSTACLES**

Rwy 28: Terrain 66' from DER, 500' RIGHT of centerline, 66' MSL. Terrain 63' from DER, 517' RIGHT of centerline, 67' MSL. Terrain 456' from DER, 554' RIGHT of centerline, 72' MSL. Terrain 253' from DER, 568' RIGHT of centerline, 73' MSL. Terrain 5345' from DER, 1671' RIGHT of centerline, 197' MSL.

RWY	INITIAL CLIMB
10	Cross DER at least 35' AGL/83' MSL, then climbing RIGHT turn to 2000' direct DANYL. Cross DANYL at 2000' or as assigned.
28	Cross DER at least 35' AGL/95' MSL, then climbing LEFT turn to 2000' direct DANYL. Cross DANYL at 2000' or as assigned.
TRANSITION	
<b>BYGON</b>	From DANYL fly track 087° to EASTP, then fly track 019° to BYGON.
<b>GABUN</b>	From DANYL fly track 142° to GABUN.
<b>LODMA</b>	From DANYL fly track 113° to LODMA.

**MUGM/NBW**

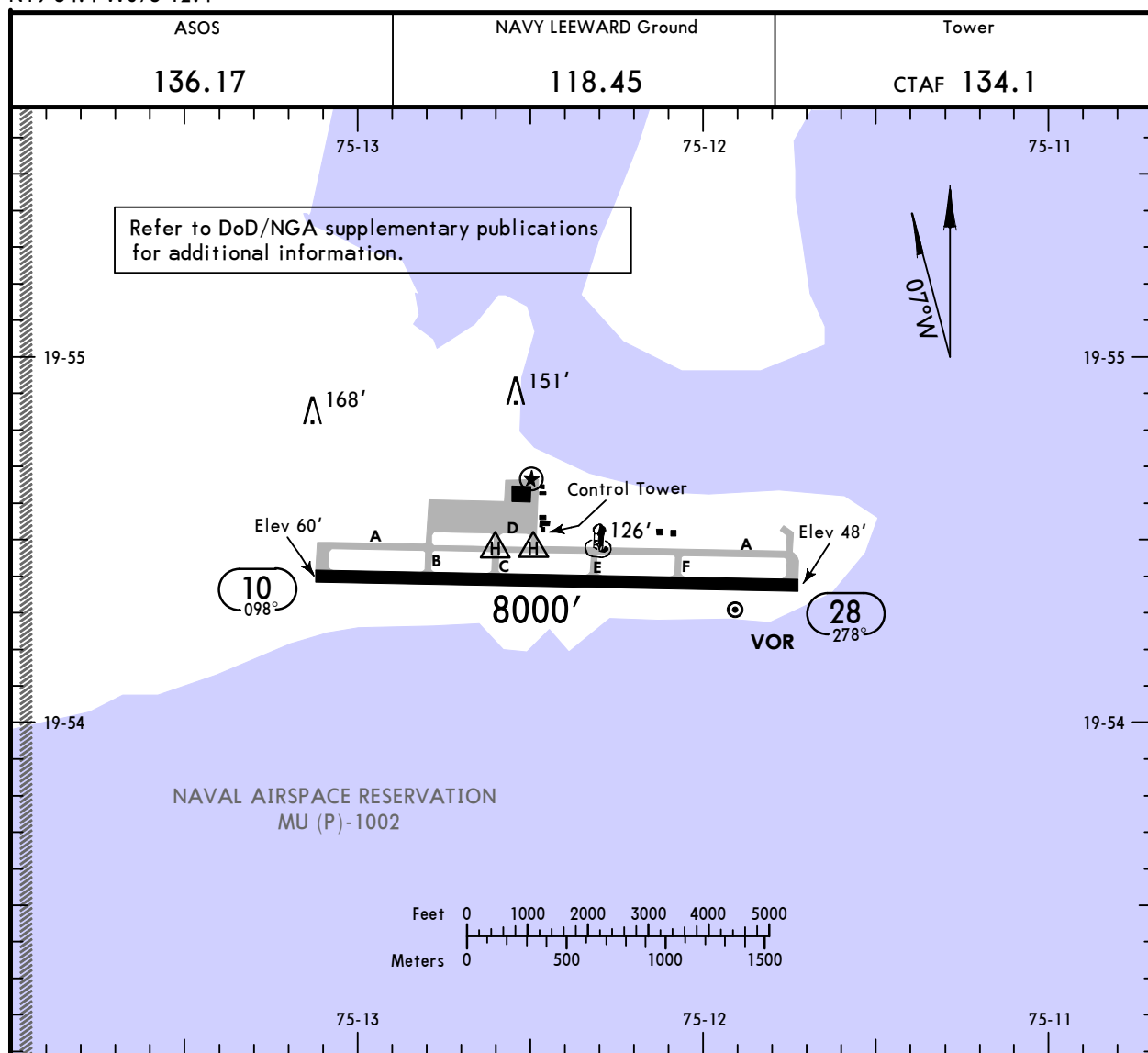
Apt Elev **60'**  
N19 54.4 W075 12.4

5 DEC 14

**(30-9)**

**GUANTANAMO BAY NAS**

GUANTANAMO BAY, CUBA



**ADDITIONAL RUNWAY INFORMATION**

RWY		USABLE LENGTHS			
		Threshold	Landing Beyond	Glide Slope	TAKE-OFF
10	28	HIRL PAPI-L (angle 3.0°)			200'

TAKE-OFF			
All Rwys			
Adequate Vis Ref		STD	
1 & 2 Eng	1/4	1	
3 & 4 Eng		1/2	

**MUGM/NBW**

**GUANTANAMO BAY, CUBA**

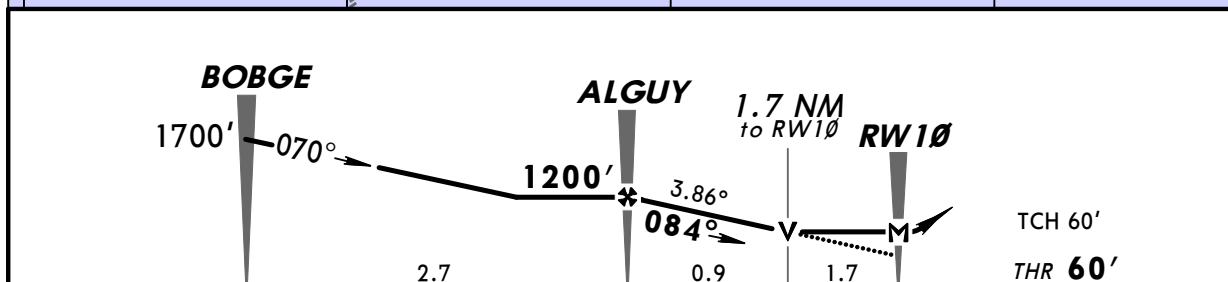
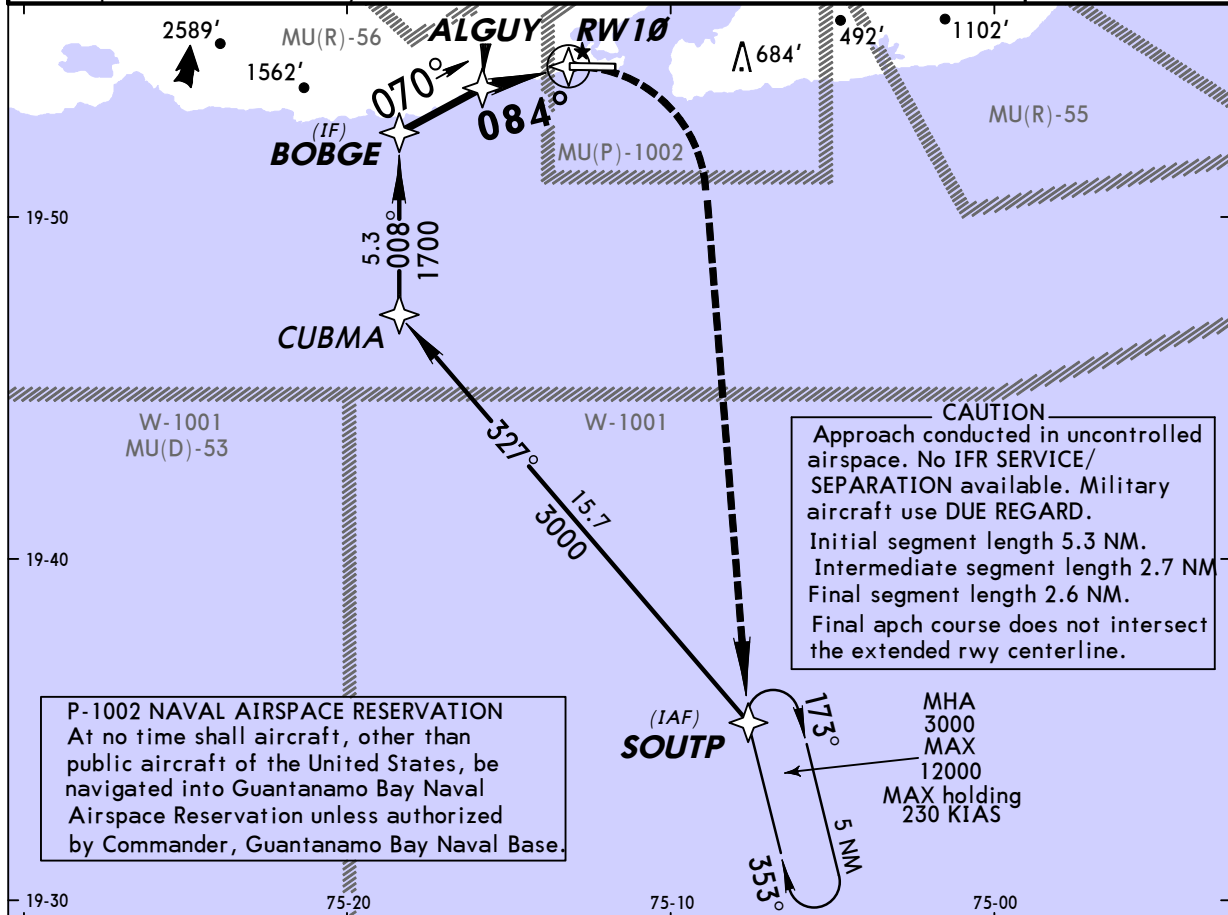
30 JAN 15 (32-1)

**GUANTANAMO BAY NAS**

**RNAV (GPS) Rwy 10**

BRIEFING STRIP™

ASOS 136.17		NAVY LEEWARD Tower CTAF 134.1		Ground 118.45	
RNAV	Final Apch Crs 084°	Minimum Alt ALGUY 1200' (1140')	LNAV MDA(H) 800' (740')	Apt Elev 60' THR 60'	<div><div></div><div>5200'</div><div>MSA RW10</div></div>
MISSED APCH: Climbing RIGHT turn to 3000' direct SOUTP and hold.					
Alt Set: INCHES                      Trans level: FL 180                      Trans alt: 18000'					
1. GPS or RNP-0.30 required. 2. EMERG SAFE ALT 100 NM 6200'. 3. DME/DME RNP-0.30 not authorized. 4. Max apch speed 165 KIAS initial, intermediate and final segments. 5. Procedure not authorized when GITMO WEST airspace not active. 6. For apch clearance call Navy Leeward Twr. 7. VDA and TCH not coincident with VGSI.					



5.3      2.7      2.6      0.9      1.7      0						
Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.86°	478	615	683	820	957	1093
MAP at RW10						

**Military** STRAIGHT-IN LANDING RWY 10

**RNAV**  
MDA(H) **800'** (740')

A B C D	1   2	Max Kts	MDA(H)
		90	<b>800'</b> (740') - 1
		120	<b>860'</b> (800') - 1
		140	<b>860'</b> (800') - 2 1/4
		165	<b>1040'</b> (980') - 3

**MUGM/NBW**

**GUANTANAMO BAY, CUBA**

30 JAN 15 (32-2)

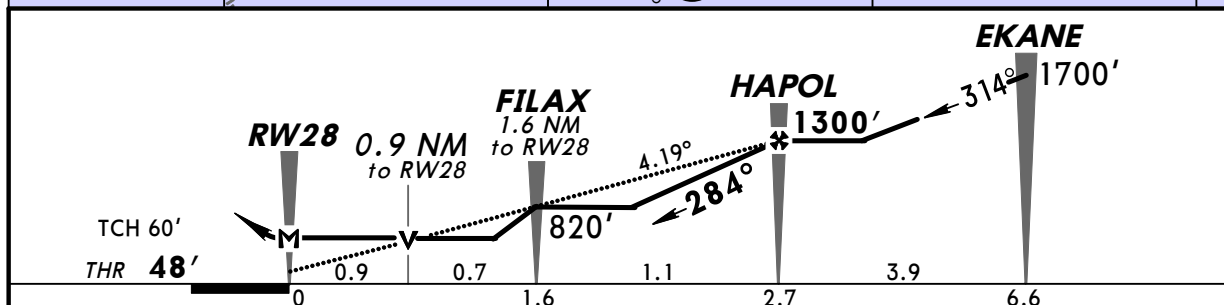
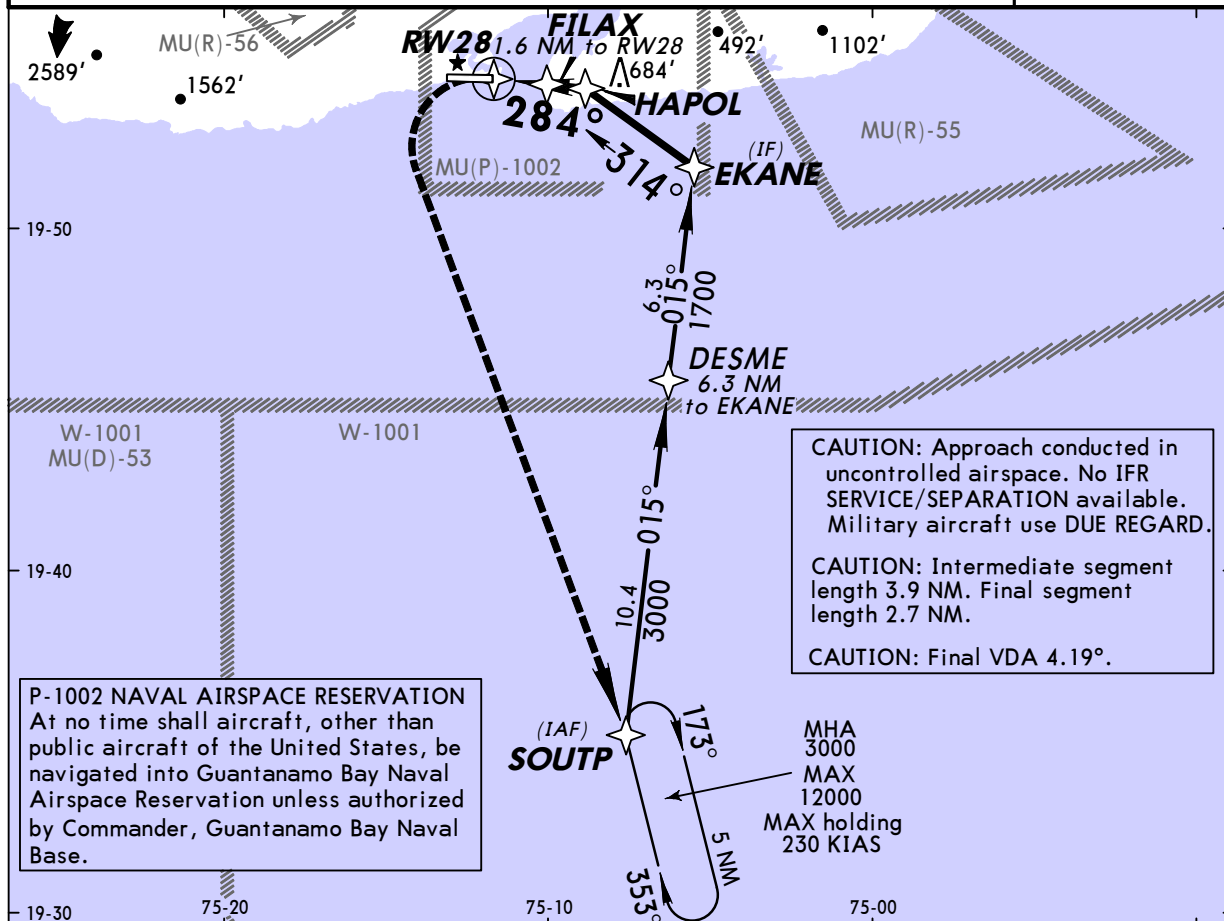
**JEPPesen**

**GUANTANAMO BAY NAS**

**RNAV (GPS) Rwy 28**

BRIEFING STRIP™

ASOS 136.17		NAVY LEEWARD Tower CTAF 134.1		Ground 118.45	
RNAV	Final Apch Crs 284°	Minimum Alt HAPOL 1300' (1252')	LNAV MDA(H) 500' (452')	Apt Elev 60' THR 48'	<div>5200'</div> <div>MSA RW28</div>
MISSED APCH: Climbing LEFT turn to 3000' direct SOUTP and hold.					
Alt Set: INCHES                      Trans level: FL 180                      Trans alt: 18000' 1. EMERG SAFE ALT 100 NM 6200'. 2. DME/DME RNP-0.30 not authorized. 3. Max approach speed 165 KIAS from DESME to RW28. 4. For approach clearance call Navy Leeward Tower. 5. VDA and TCH not coincident with VGSI.					



Gnd speed-Kts	70	90	100	120	140	160	PAPI-L		3000'	LT	SOUTP
Descent Angle 4.19°	519	668	742	890	1039	1187					

MAP at RW28						Military		STRAIGHT-IN LANDING RWY 28				CIRCLE-TO-LAND			
								LNAV				Maneuvering for a circling approach limited to 3/4 mile west of Rwy 10 when Guantanamo West airspace not active			
								MDA(H) 500' (452')				Max Kts			
A	1							90				800' (740') - 1			
B								120				860' (800') - 1			
C								140				860' (800') - 2 1/4			
D	1 3/8							165				1040' (980') - 3			

TERPS

**MUGM/NBW**

**GUANTANAMO BAY, CUBA**

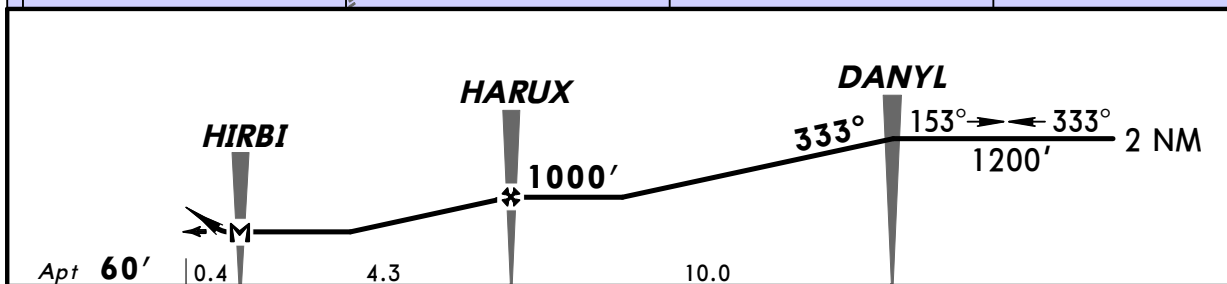
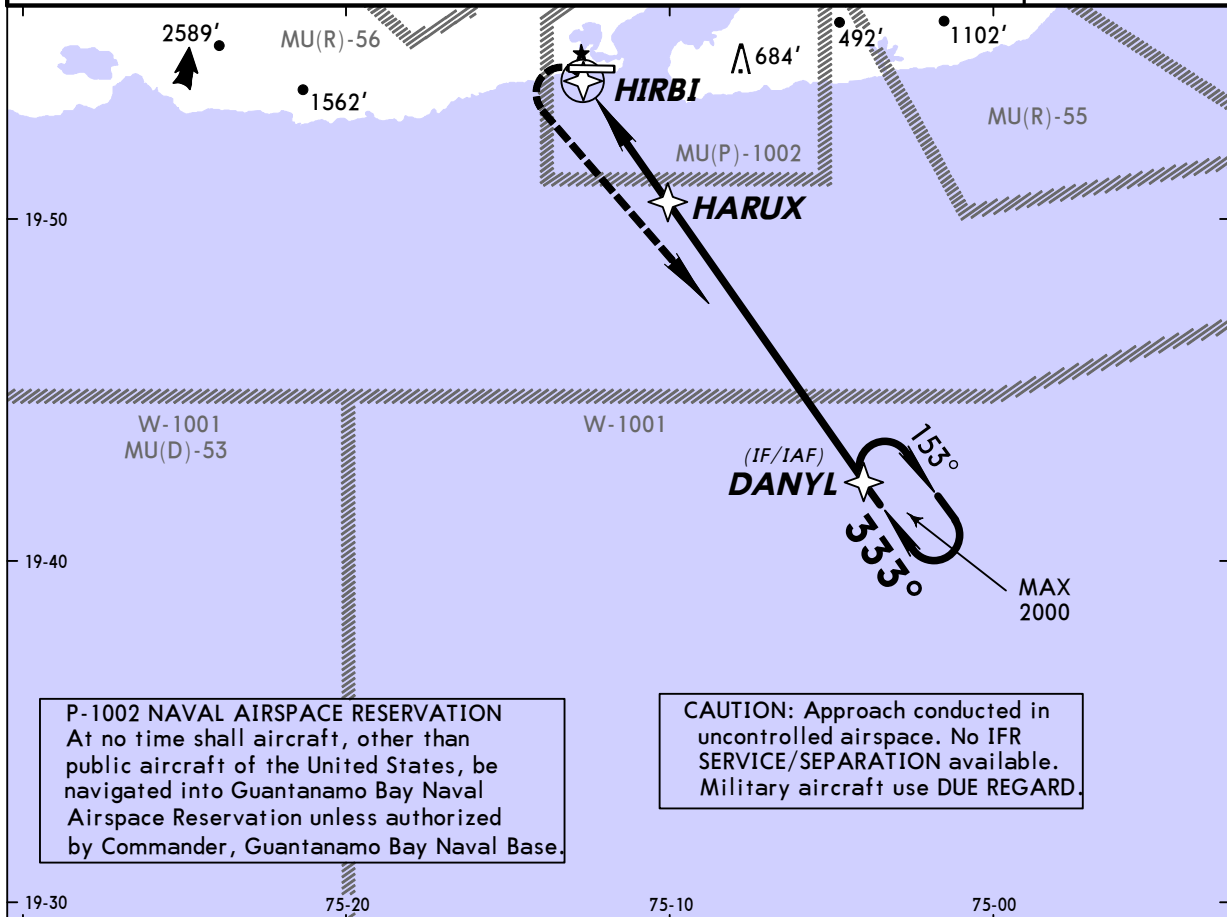
**JEPPesen**

30 JAN 15 (32-3)

**GUANTANAMO BAY NAS**  
**COPTER RNAV (GPS) 333°**

BRIEFING STRIP™

ASOS 136.17		NAVY LEEWARD Tower CTAF 134.1		Ground 118.45	
RNAV	Final Apch Crs 333°	Minimum Alt HARUX 1000' (940')	LNAV MDA(H) 800' (740')	Apt Elev 60'	<div>5200'</div> <div>MSA HIRBI</div>
MISSED APCH: Climbing LEFT turn to 2000' direct DANYL and hold.					
Alt Set: INCHES                      Trans level: FL 180                      Trans alt: 18000' 1. EMERG SAFE ALT 100 NM 6200'. 2. DME/DME RNP-0.30 not authorized. 3. Do not exceed 90 KIAS. 4. For approach clearance call Navy Leeward Tower.					



						Lighting - Refer to Airport Chart	2000'	LT	DANYL
MAP at HIRBI									

<b>Military</b>									
LANDING H-333°									
LNAV									
MDA(H) <b>800'</b> (740')									

TERPS

1									
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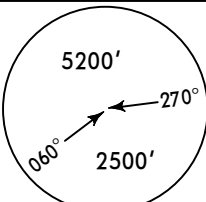
**MUGM/NBW**

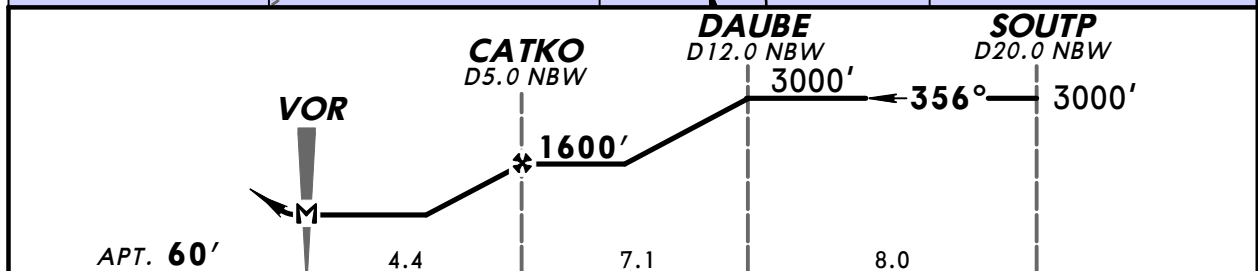
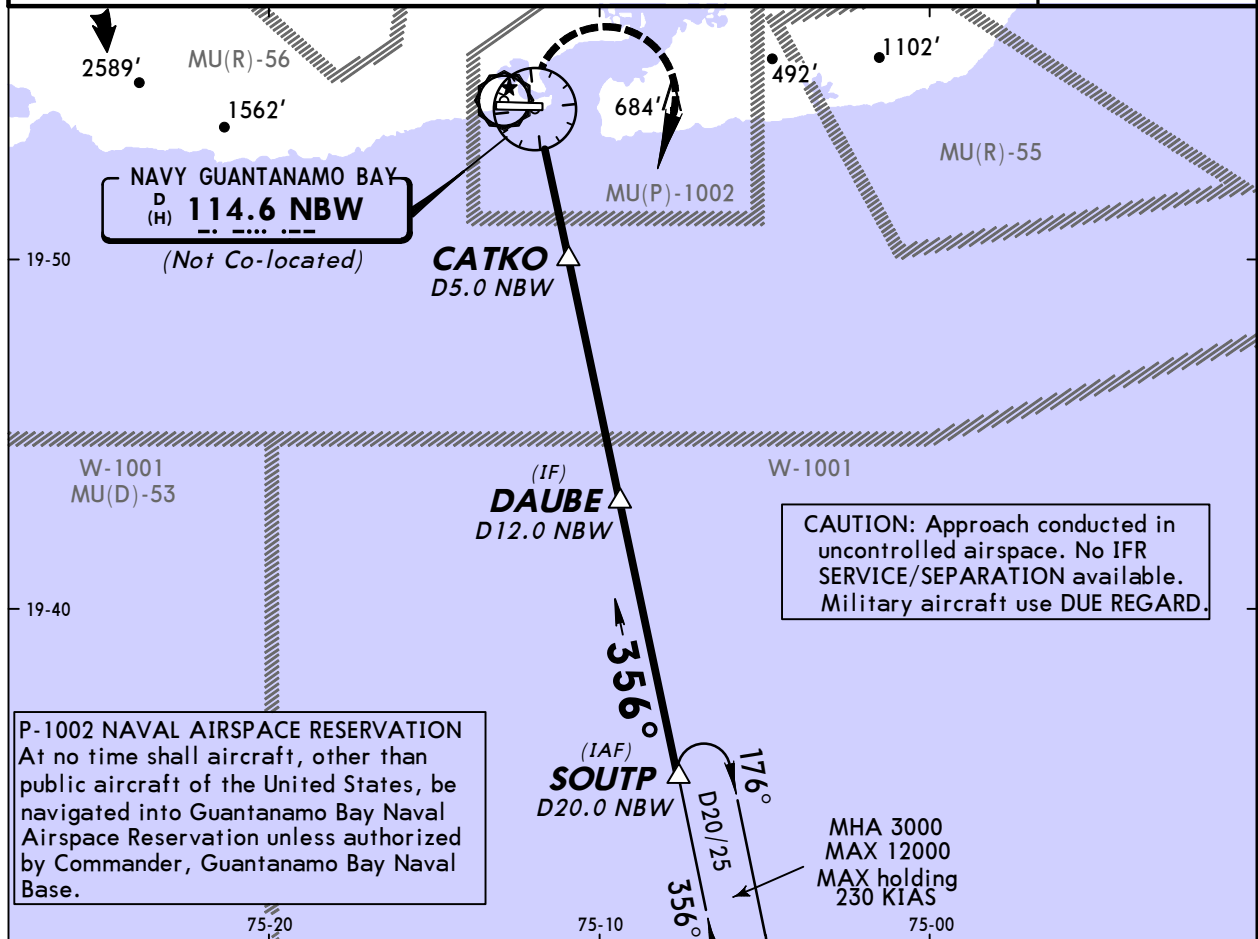
**GUANTANAMO BAY, CUBA**

**JEPPesen**  
30 JAN 15 **(33-1)**

**GUANTANAMO BAY NAS**  
**VOR DME-A**

BRIEFING STRIP™

ASOS 136.17		NAVY LEEWARD Tower CTAF 134.1		Ground 118.45	
VOR NBW 114.6	Final Apch Crs 356°	Minimum Alt CATKO 1600' (1540')	MDA(H) Refer to Minimums	Apt Elev 60'	
MISSED APCH: Climbing RIGHT turn to 3000', intercept NBW R-176 to SOUTP and hold.					
Alt Set: INCHES		Trans level: FL 180		Trans alt: 18000'	
1. EMERG SAFE ALT 100 NM 6200'. 2. For approach clearance call Navy Leeward Tower.					MSA NBW VOR



MAP at VOR					Lighting - Refer to Airport Chart	<b>3000'</b>	NBW <b>114.6</b> <b>R-176</b>
------------	--	--	--	--	--	--------------	-------------------------------------

<b>Military</b>		<b>CIRCLE-TO-LAND</b>	
		Maneuvering for a circling approach limited to 3/4 mile west of Rwy 10 when Guantanamo West airspace not active	
		Max Kts	MDA(H)
		A 90	<b>800'</b> (740')-1
		B 120	<b>860'</b> (800')-1
		C 140	<b>860'</b> (800')-2 1/4
		D 165	<b>1040'</b> (980')-3

TERPS

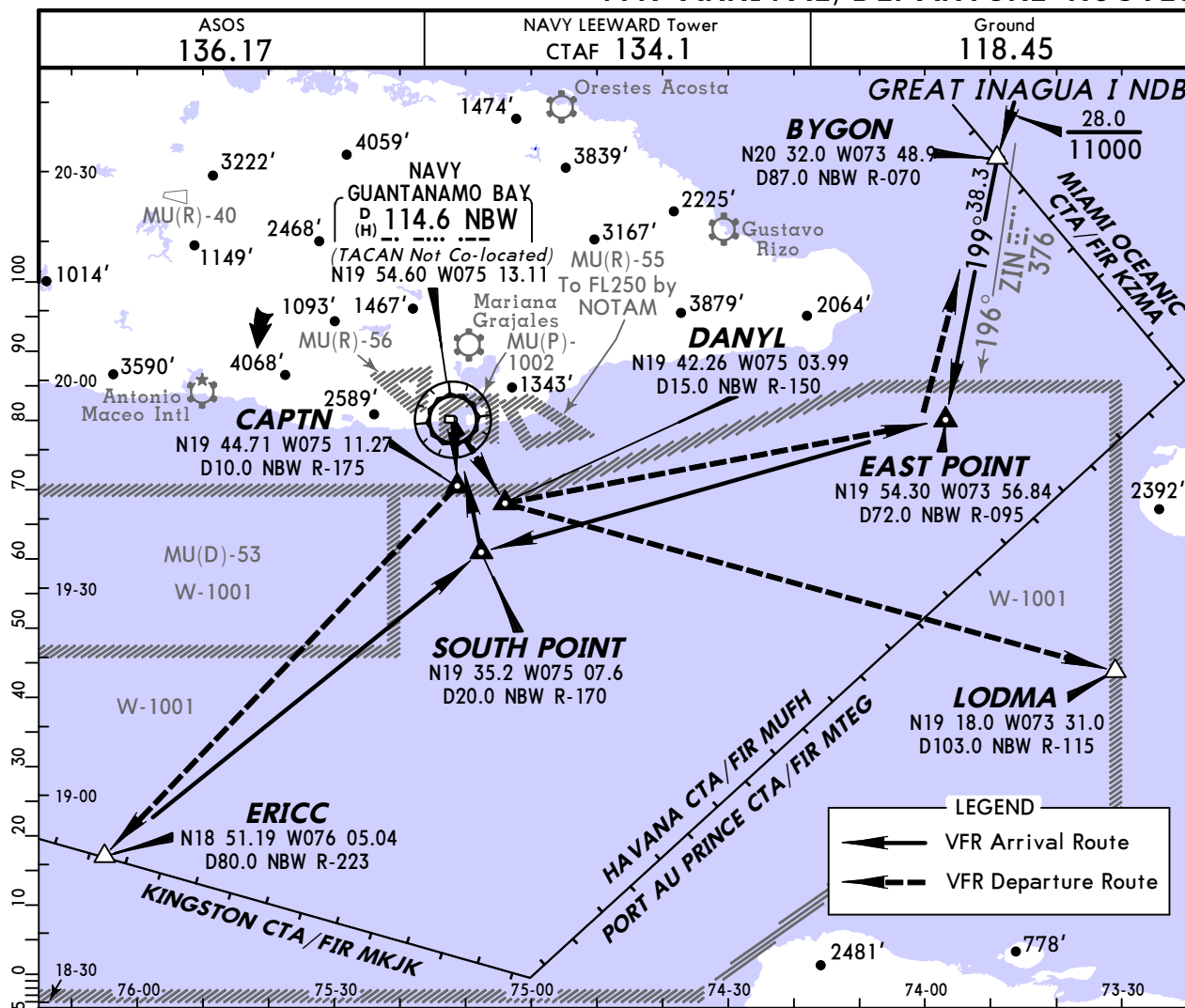
**MUGM/NBW**

**JEPPESEN**  
30 JAN 15 (39-1)

## GUANTANAMO BAY NAS

## GUANTANAMO BAY, CUBA

## VFR ARRIVAL/DEPARTURE ROUTES



- VFR Arrival/Departure Routes are output in the Digital Aeronautical Flight Information File (DAFIF) as ATS routes with the Identifiers of GTMOA (Arrival), GTMOD (Departure), and the GTMOF (Arrival/Departure) btn CAPTN and ERICC.
- Aircraft inbound to and outbound from U.S. Naval Station Guantanamo Bay (GTMO) shall operate VFR while in the Havana FIR. Upon entering the Havana FIR, contact LEEWARD TOWER on 134.1 for traffic advisories. Leeward Tower opr H24. NO RADAR SERVICES AVAILABLE.
- Aircraft inbound to GTMO from the Northwest shall proceed on or East of the 196 degree bearing from Great Inagua I NDB (ZIN) to BYGON (D87.0 NBW R-070) and then to EAST POINT (D72.0 NBW R-095). From EAST POINT proceed to SOUTH POINT (D20.0 NBW R-170) and then to the field. Aircraft inbound from LODMA (D103.0 NBW R-115) and ERICC (D80.0 NBW R-223) shall also proceed to SOUTH POINT. Aircraft inbound from the West shall remain a minimum of 12 NM south of the coast and proceed to SOUTH POINT as well. ALL AIRCRAFT (except those using GTMO WEST) shall remain East of the Western boundary of the Naval Airspace Reservation (marked by high-intensity strobe light located 3/4 NM West of the approach end of runway 10). EXERCISE EXTREME CAUTION when landing runway 10 (due to short final approach and prevailing crosswinds).
- Aircraft departing to the Northeast shall proceed direct to DANYL (D15.0 NBW R-150) then to EAST POINT and then on to BYGON. Aircraft departing to the Southeast shall proceed from DANYL directly to LODMA. Aircraft departing to Jamaica shall proceed initially to CAPTN (D10.0 NBW R-175) and then on to ERICC. Southerly and Westerly departures shall also proceed initially through CAPTN.