

## General Info

, PHL

N 07° 07.5' E 125° 38.7' Magnetic Variation: 0.0°W

Elevation: 96'

Public, Control Tower, IFR, No Fee, No Customs

Fuel: Jet A-1

Time Zone Info: GMT+8:00 no DST

## Runway Info

Runway 05-23 9843' x 148' asphalt

Runway 05 (48.0°M) TDZE 93'

Lights: Edge, ALS

Stopway Distance 394'

Runway 23 (228.0°M) TDZE 96'

Lights: Edge, ALS

Stopway Distance 394'

## Communications Info

ATIS **126.6**

Davao Tower **118.1**

Davao Approach Control **122.4**

## Notebook Info

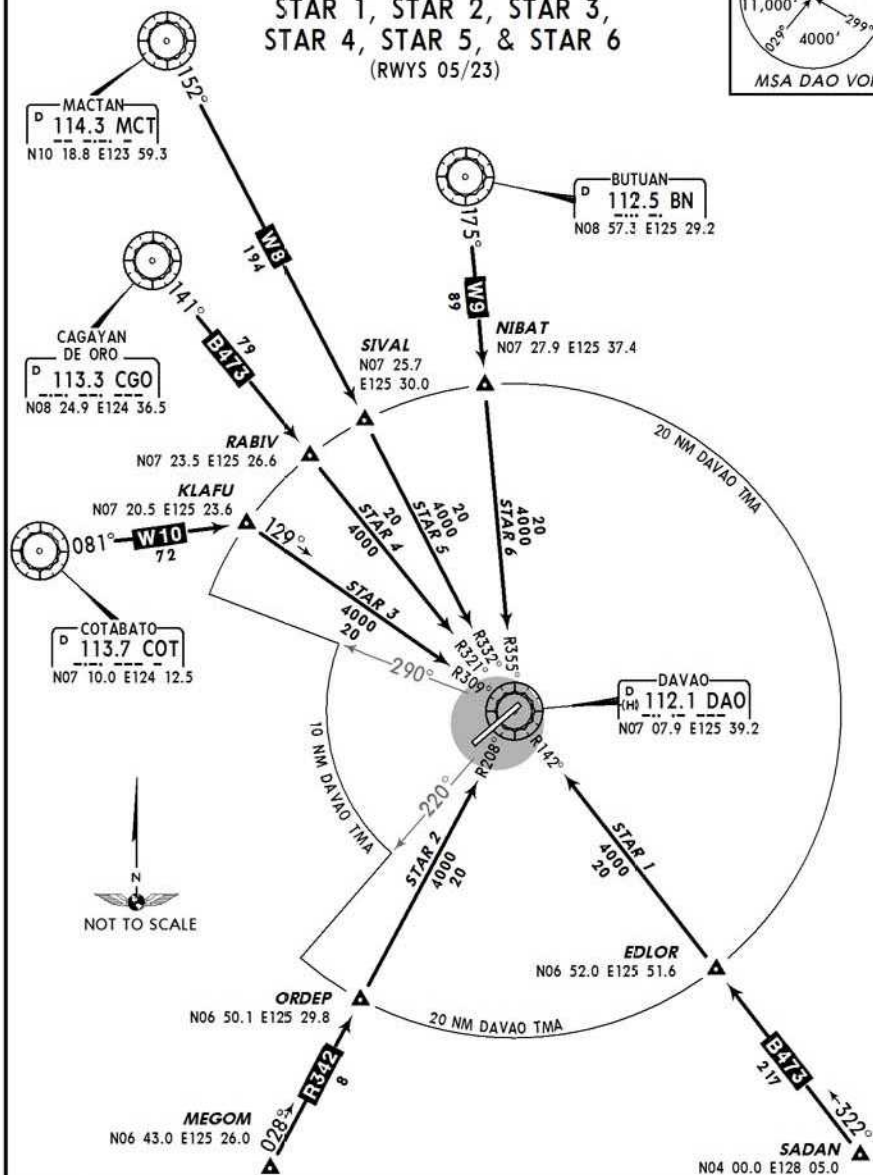
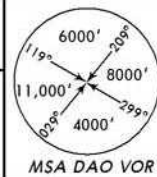
## ATIS 26.6

Apt Elev  
96'

Alt Set: hPa

Trans level: FL 130      Trans alt: 11000'

STAR 1, STAR 2, STAR 3,  
STAR 4, STAR 5, & STAR 6  
(RWYS 05/23)



STAR	ROUTING
1	At EDLOR, track in on DAO R-142 and descend to 4000'.
2	At ORDEP, track in on DAO R-208 and descend to 4000'.
3	At KLAFU, track in on DAO R-309 and descend to 4000'.
4	At RABIV, track in on DAO R-321 and descend to 4000'.
5	At SIVAL, track in on DAO R-332 and descend to 4000'.
6	At NIBAT, track in on DAO R-355 and descend to 4000'.

**CHANGES:** Procedure bearings, coordinates, new format.

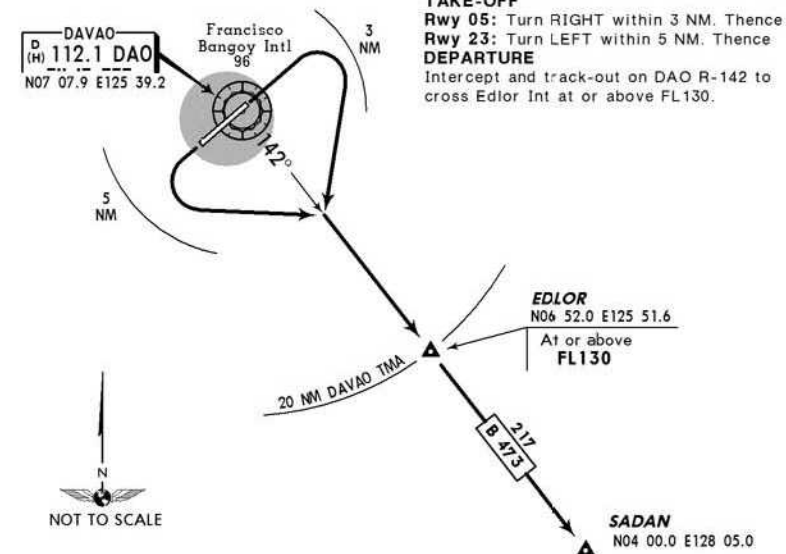
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TRANS LEVEL: FL130  
TRANS ALT: 11000'

SID 1  
B473-SADAN DEPARTURE  
[SID 1]

## TAKE-OFF

**Rwy 05:** Turn RIGHT within 3 NM. Thence  
**Rwy 23:** Turn LEFT within 5 NM. Thence  
**DEPARTURE**  
 Intercept and track-out on DAO R-142 to  
 cross Edlor Int at or above FL130.



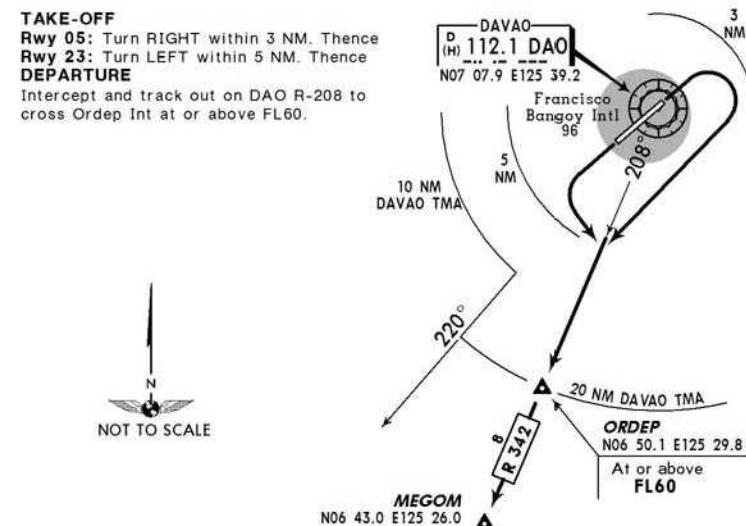
TRANS LEVEL: FL 130  
TRANS ALT: 11000'

SID 2  
R342-GENERAL SANTOS DEPARTURE  
[SID2]

## TAKE-OFF

**Rwy 05:** Turn RIGHT within 3 NM. Thence  
**Rwy 23:** Turn LEFT within 5 NM. Thence  
**DEPARTURE**

Intercept and track out on DAO R-208 to cross Ordep Int at or above FL60.



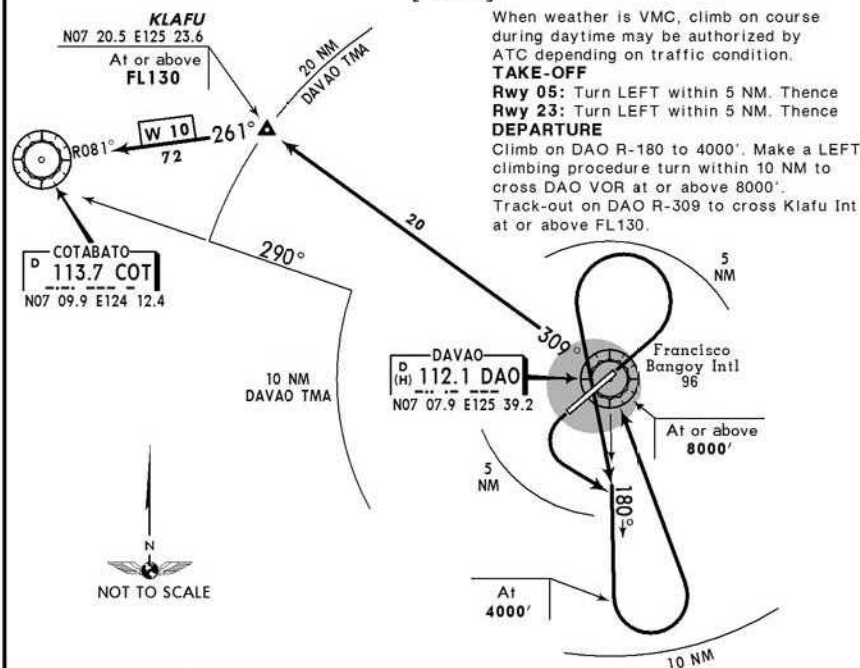
**CHANGES:** Coordinates and crossing restriction.

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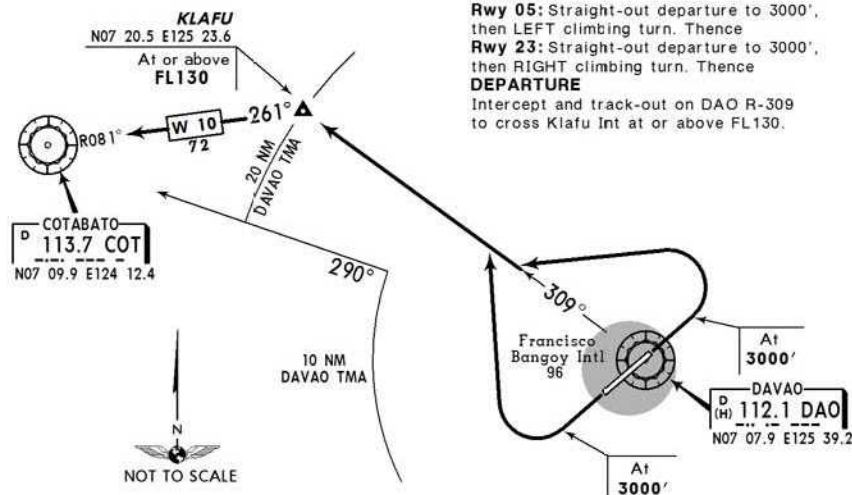
TRANS LEVEL: FL130  
TRANS ALT: 11000'**SID 3**  
**W10-COTABATO DEPARTURE**  
[SID3]

When weather is VMC, climb on course during daytime may be authorized by ATC depending on traffic condition.

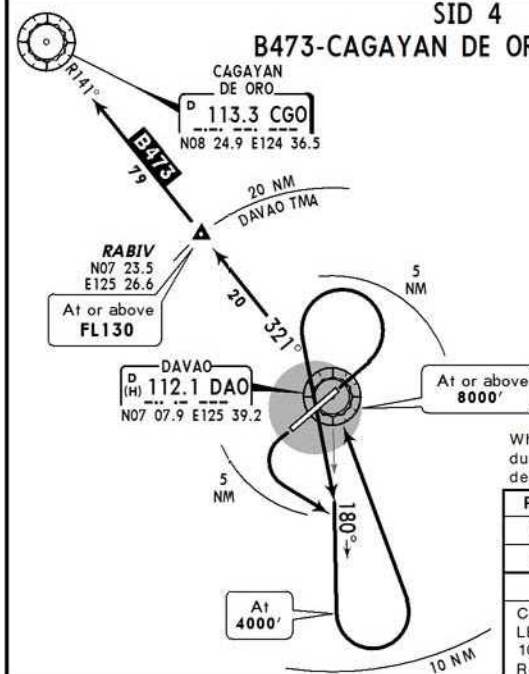
**TAKE-OFF**  
**Rwy 05:** Turn LEFT within 5 NM. Thence  
**Rwy 23:** Turn LEFT within 5 NM. Thence  
**DEPARTURE**  
 Climb on DAO R-180 to 4000'. Make a LEFT climbing procedure turn within 10 NM to cross DAO VOR at or above 8000'. Track-out on DAO R-309 to cross Klapu Int at or above FL130.

TRANS LEVEL: FL130  
TRANS ALT: 11000'**SID 3A**  
**W10-COTABATO DEPARTURE**  
(FOR HIGH PERFORMANCE AIRCRAFT)  
[SID3A]

**TAKE-OFF**  
**Rwy 05:** Straight-out departure to 3000', then LEFT climbing turn. Thence  
**Rwy 23:** Straight-out departure to 3000', then RIGHT climbing turn. Thence  
**DEPARTURE**  
 Intercept and track-out on DAO R-309 to cross Klapu Int at or above FL130.

Apt Elev  
96'

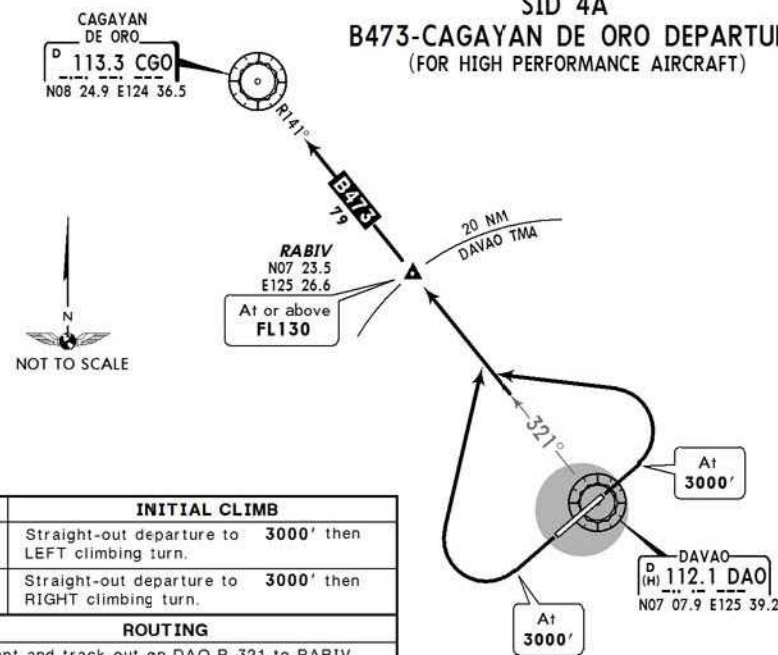
Trans level: FL 130 Trans alt: 11000'

**SID 4**  
**B473-CAGAYAN DE ORO DEPARTURE**

When weather is VMC, climb on course during daytime may be authorized by ATC depending on traffic conditions.

RWY	INITIAL CLIMB
05	Turn LEFT within 5 NM.
23	Turn LEFT within 5 NM.

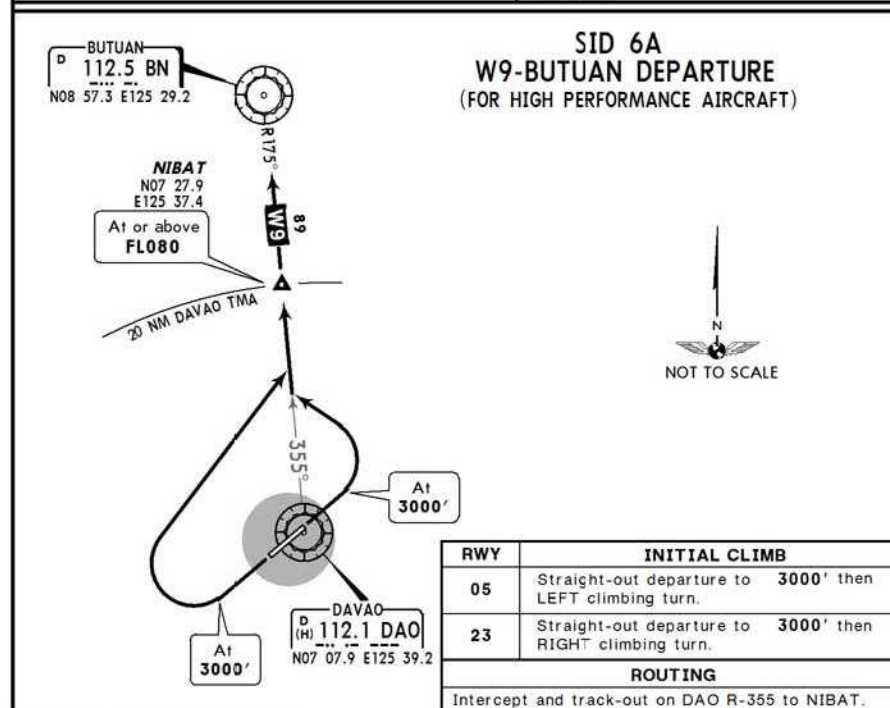
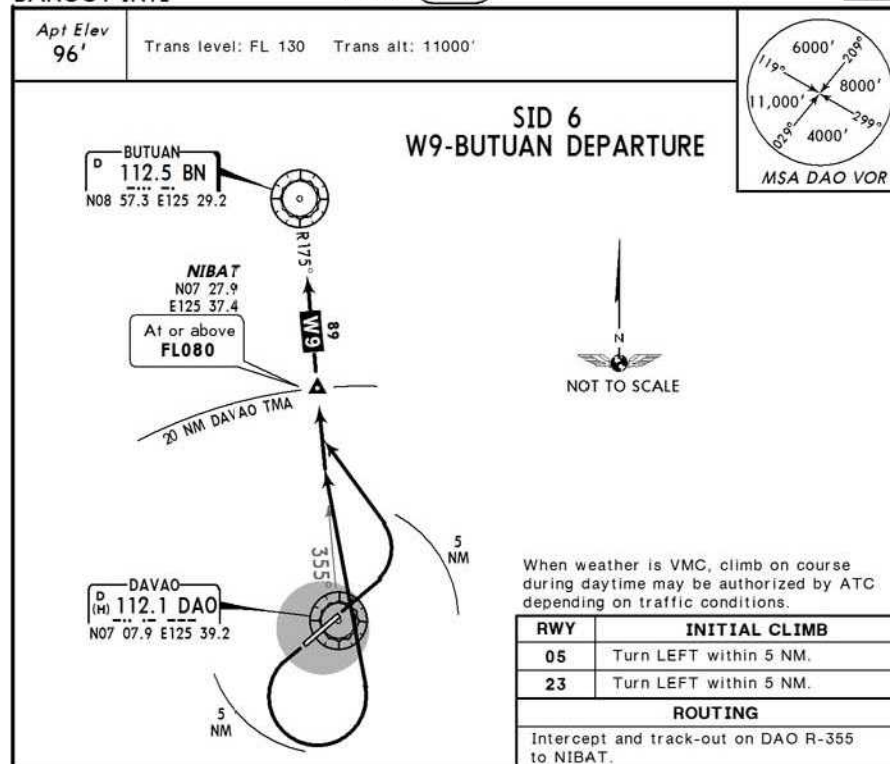
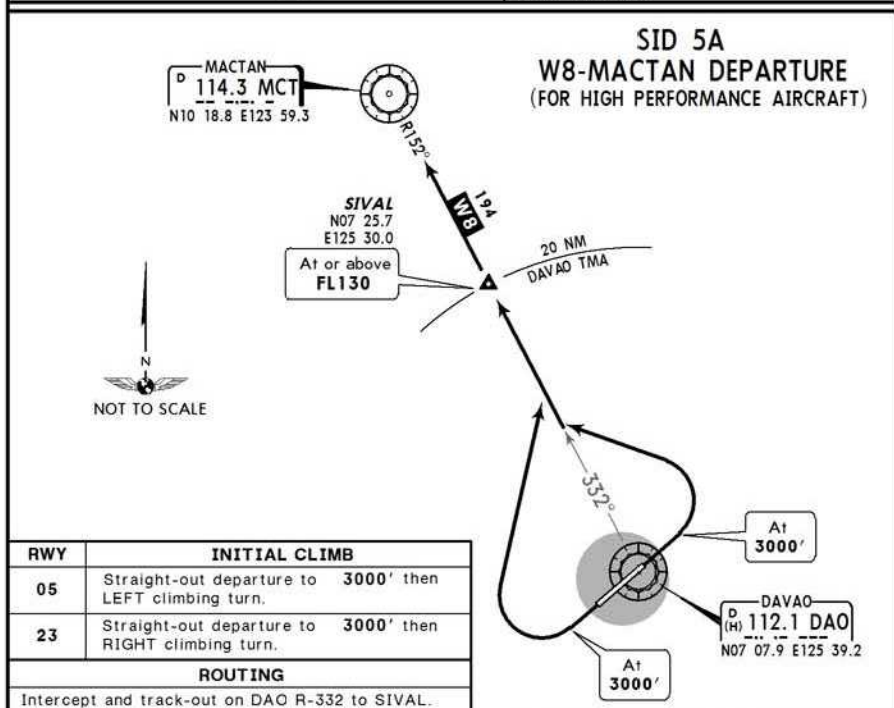
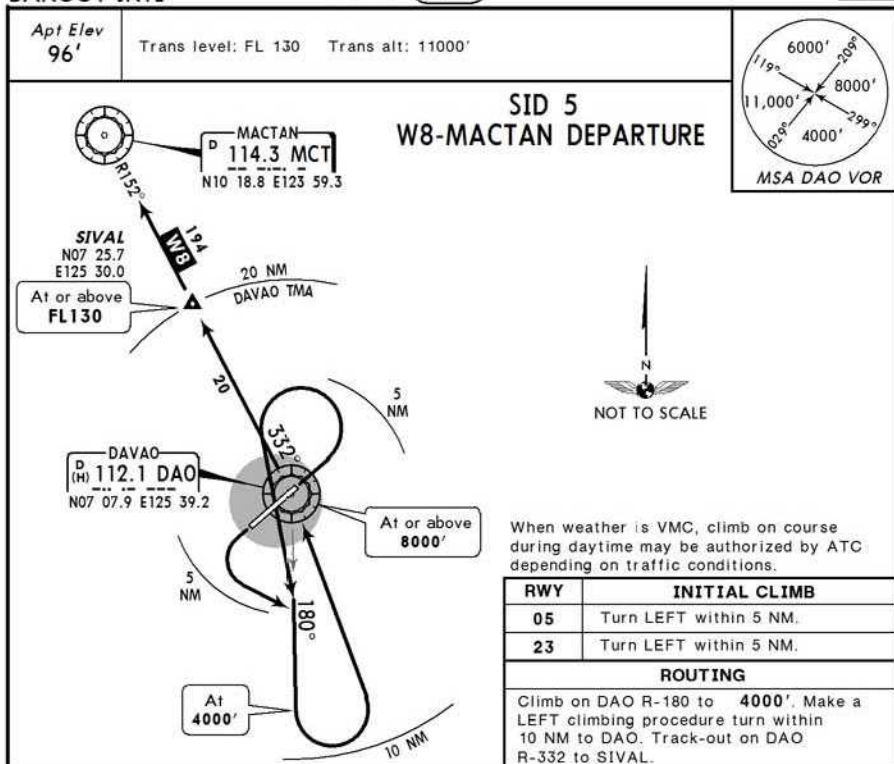
**ROUTING**  
 Climb on DAO R-180 to 4000'. Make a LEFT climbing procedure turn within 10 NM to DAO. Track-out on DAO R-321 to RABIV.

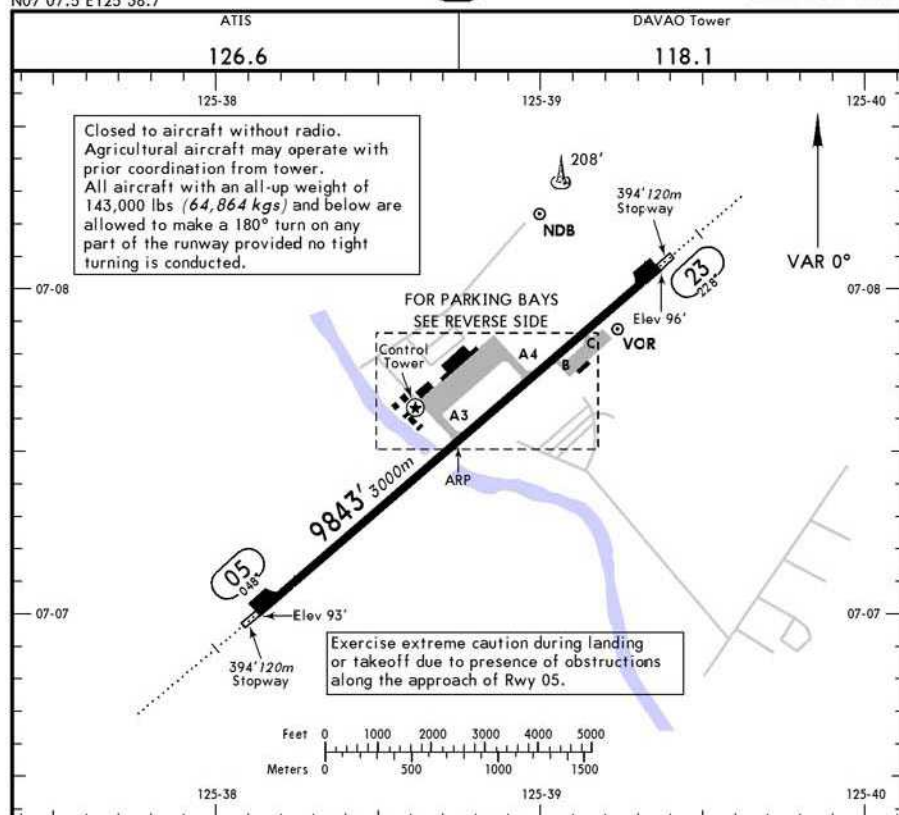
**SID 4A**  
**B473-CAGAYAN DE ORO DEPARTURE**  
(FOR HIGH PERFORMANCE AIRCRAFT)

RWY	INITIAL CLIMB
05	Straight-out departure to 3000' then LEFT climbing turn.
23	Straight-out departure to 3000' then RIGHT climbing turn.

**ROUTING**  
 Intercept and track-out on DAO R-321 to RABIV.





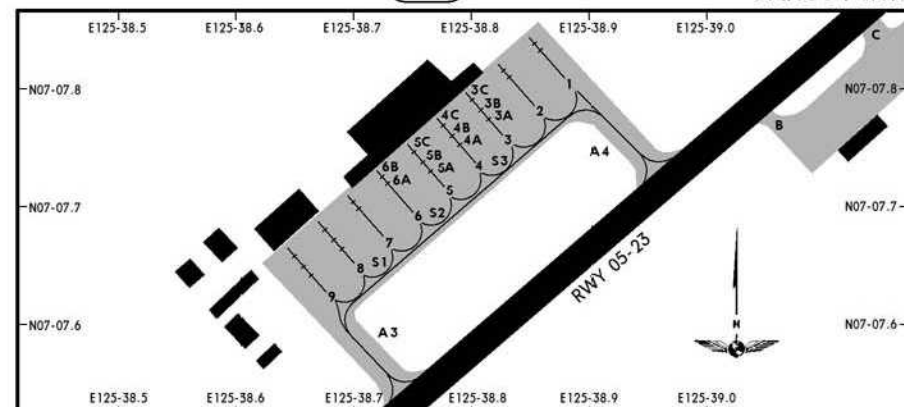


## ADDITIONAL RUNWAY INFORMATION

RWY				USABLE LENGTHS		TAKE-OFF	WIDTH
				Threshold	Glide Slope		
05	HIRL	PALS	PAPI (angle 3.3°)		8582' 2616m		148'
23	HIRL	PALS	PAPI (angle 3.0°)		8860' 2701m		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				
B	250m	400m	2 Eng	400m
C			3 & 4 Eng	
D	300m			



## AIRCRAFT PARKING PROCEDURES

## 1. PARKING BAY ASSIGNMENTS

- Parking Bays 1 and 2: A300 and lower category aircraft.
- Parking Bays 3A, 4A, 5A and 6A: MD81, MD82, MD85 and DC9.
- Parking Bays 3B, 4B, 5B and 6B: A330, B727, B737, B757 and B767.
- Parking Bays 3C, 4C and 5C: A330, B747 and DC10.
- Parking Bay 7: A300 and lower category aircraft.
- Parking Bays 8 and 9: B747 and lower category aircraft.
- General aviation aircraft shall park, load and/or unload passengers at bays 1, 2, 7 or as instructed by ATC.

NOTE: Parking bay tubes 3, 4, 5 and 6 operating limit from 2.0m up to 5.4m.

## 2. ARRIVAL

- Davao Tower upon taxiing instructions shall include parking bay assignment.
  - Aircraft entering the apron must follow closely the apron taxi guide lines to ensure safe distance between taxiing and parked aircraft.
  - Unless otherwise instructed by ATC, all aircraft landing Rwy 05 shall taxi-in via Twy A4. For aircraft landing on Rwy 23, taxi-in via Twy A3.
  - All parking bays are allocated on a first come first serve basis with due regard to aircraft type, location of airline handling facilities, CIQ and the prevailing traffic situation.
- NOTE: Long term parking of aircraft or intending to stay overnight may be required to park-reposition at bays 1, 2, 7 or as instructed by ATC.
- All aircraft may taxi-in with power to their respective bay assignment and must be assisted with wing marshals/walkers.
  - Bays number 1, 2 and 7 are exclusive only for aircraft A300 and lower category. Higher category aircraft may be allowed to use the bay provided that no other aircraft are parked or are expected to park adjacent to it.
  - General aviation aircraft intending to remain overnight should park their aircraft at bays 1, 2 or as instructed by ATC.
  - The old commercial ramp and general aviation ramp are strictly for the taxi-in and taxi-out purposes of general aviation aircraft or as an Isolation Parking Area during security emergency situations.

## 3. DEPARTURE

- Clearance from Davao Tower must be obtained prior to commencing push-back/tow or taxi of all aircraft.
- All aircraft push-back and tow-out operations must be assisted by wing marshals/walkers.
- All aircraft must strictly follow the respective nose wheel stop bars.
- For Rwy 05 departures, aircraft must be pushed-back and start parallel to the runway position S1, S2 or as instructed by ATC.
- For Rwy 23 departures, aircraft must be pushed-back and start parallel to the runway position S2, S3 or as instructed by ATC.

## PARKING BAY POSITIONS

BAY No.	COORDINATES
1, 2	N07 07.9 E125 38.8
3, 3A, 3B, 3C, 4, 4A, 4B, 4C	N07 07.8 E125 38.8
5, 5A, 5B, 5C, 6, 6A, 6B, 7	N07 07.8 E125 38.7
8, 9	N07 07.7 E125 38.6
TAXI HOLDING POSITIONS	
S1	N07 07.7 E125 38.7
S2	N07 07.7 E125 38.8
S3	N07 07.8 E125 38.8



# RPMD/DVO BANGYO INTL

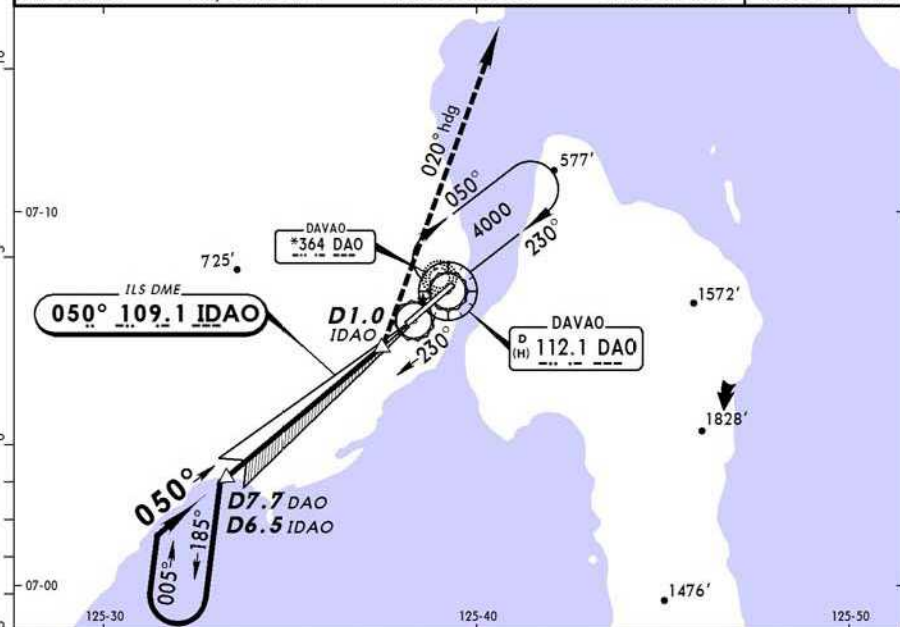
2 JUL 04 (11-1)

# DAVAO, PHILIPPINES VOR ILS Rwy 05

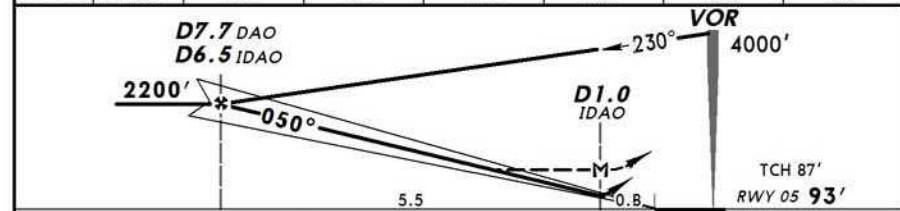
ATIS		DAVAO Approach		DAVAO Tower	
126.6		122.4		118.1	
LOC IDAO	Final Apch Crs	GS D7.7 DAO D6.5 IDAO	ILS DA(H)	Apt Elev 96'	
109.1	050°	2200' (2107')	395' (302')	RWY 05 93'	

MISSED APCH: Climb on heading 020° to 4000'. Return to DAO VOR or as instructed by ATC.

Alt Set: hPa Rwy Elev: 3 hPa Trans level: FL 130 Trans alt: 11000' MSA DAO VOR



LOC (GS out)	IDAO DME	6.5	6.0	5.0	4.0	3.0	1.0
ALTITUDE		2200'	2035'	1715'	1390'	1065'	395'



Gnd speed-Kts	70	90	100	120	140	160	<div>PAPI ALS ↑</div>	<div>4000' ↑ on 020° hdg</div>	
GS	3.05°	383	492	547	656	766			875
MAP at D1.0 IDAO									

STRAIGHT-IN LANDING RWY 05				CIRCLE-TO-LAND	
ILS DA(H) 395' (302')		LOC (GS out) MDA(H) 495' (402')			
ALS out		ALS out			
A	1.0 km	1.2 km	2.0 km	Max Kts	MDA(H)
B				100	500' (404') - 1.9 km
C				135	580' (484') - 2.8 km
D				180	680' (584') - 3.7 km
				205	780' (684') - 4.6 km

CHANGES: New chart.

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# RPMD/DVO BANGYO INTL

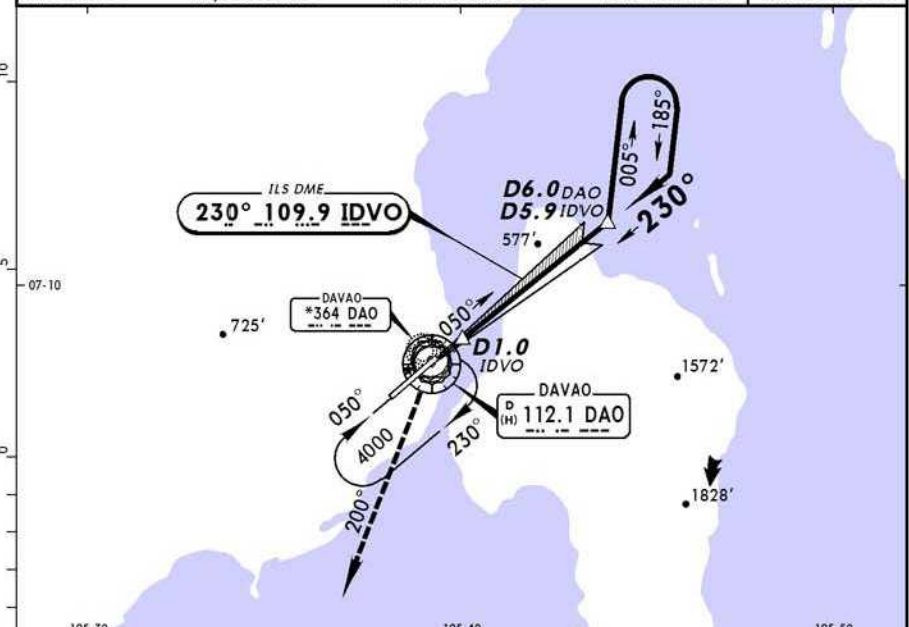
2 JUL 04 (11-2)

# DAVAO, PHILIPPINES VOR ILS Rwy 23

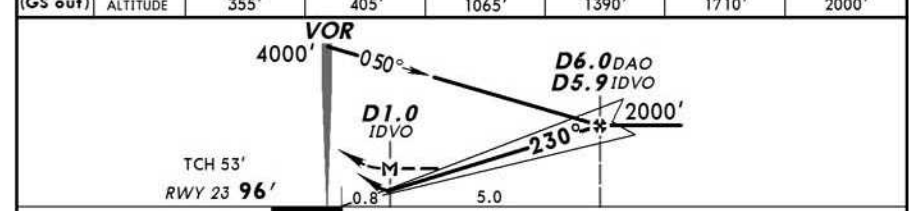
ATIS		DAVAO Approach		DAVAO Tower	
126.6		122.4		118.1	
LOC IDVO	Final Apch Crs	GS D6.0 DAO D5.9 IDVO	ILS DA(H)	Apt Elev 96'	
109.9	230°	2000' (1904')	355' (259')	RWY 23 96'	

MISSED APCH: Climb outbound on DAO VOR R-200 to 4000'. Return to DAO VOR or as instructed by ATC.

Alt Set: hPa Rwy Elev: 4 hPa Trans level: FL 130 Trans alt: 11000' MSA DAO VOR



LOC (GS out)	IDVO DME	0.8	1.0	3.0	4.0	5.0	5.9
ALTITUDE		355'	405'	1065'	1390'	1710'	2000'



Gnd speed-Kts	70	90	100	120	140	160	
GS	3.04°	382	491	545	654	763	872
MAP at D1.0 IDVO							

PAPI  
ALS

4000' on 112.1  
↑  
R-200

STRAIGHT-IN LANDING RWY 23				CIRCLE-TO-LAND	
ILS DA(H) 355' (259')		LOC (GS out) MDA(H) 405' (309')			
ALS out		ALS out			
A	0.8 km	1.2 km	2.0 km	Max Kts	MDA(H)
B				100	500' (404') - 1.9 km
C				135	580' (484') - 2.8 km
D				180	680' (584') - 3.7 km
				205	780' (684') - 4.6 km

CHANGES: New chart.

FOR FLIGHTSIM USE ONLY

# RPMD/DVO BANGYO INTL

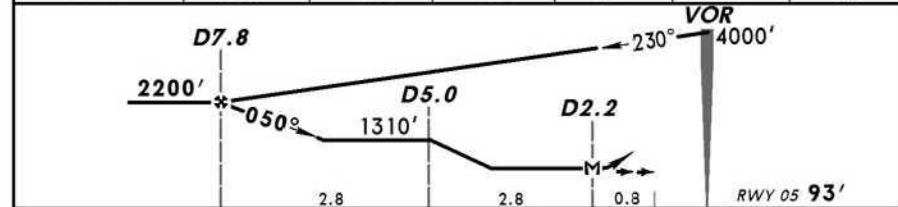
10 SEP 04 (13-1)

# DAVAO, PHILIPPINES VOR DME Rwy 05

ATIS		DAVAO Approach		DAVAO Tower	
126.6		122.4		118.1	
VOR DAO 112.1	Final Apch Crs 050°	Minimum Alt D7.8 2200' (2107')	MDA(H) 395' (302')	Apt Elev 96'	RWY 05 93'
MISSED APCH: Climb on heading 020° to 4000'. Return to DAO VOR or as instructed by ATC.					
Alt Set: hPa	Rwy Elev: 3 hPa	Trans level: FL 130	Trans alt: 11000'	MSA DAO VOR	



DAO DME	7.9	6.0	5.0	4.0	3.0	2.2
ALTITUDE	2200'	1640'	1310'	990'	660'	395'



Gnd speed-Kts	70	90	100	120	140	160
Descent Gradient 5.3%	376	483	537	644	751	859

STRAIGHT-IN LANDING RWY 05		CIRCLE-TO-LAND	
MDA(H) 395' (302')		ALS out	
A	1.6 km	B	500' (404') - 1.9 km
B		C	580' (484') - 2.8 km
C		D	680' (584') - 3.7 km
D			780' (684') - 4.6 km

CHANGES: None.

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# RPMD/DVO BANGYO INTL

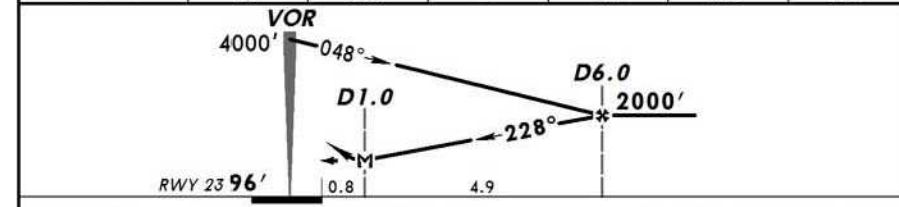
10 SEP 04 (13-2)

# DAVAO, PHILIPPINES VOR DME Rwy 23

ATIS		DAVAO Approach		DAVAO Tower	
126.6		122.4		118.1	
VOR DAO 112.1	Final Apch Crs 228°	Minimum Alt D6.0 2000' (1904')	MDA(H) 420' (324')	Apt Elev 96'	RWY 23 96'
MISSED APCH: Climb outbound on DAO VOR R-200 to 4000'. Return to DAO VOR or as instructed by ATC.					
Alt Set: hPa	Rwy Elev: 4 hPa	Trans level: FL 130	Trans alt: 11000'	MSA DAO VOR	



DAO DME	1.0	2.0	3.0	4.0	5.0	6.0
ALTITUDE	420'	720'	1050'	1370'	1690'	2000'



Gnd speed-Kts	70	90	100	120	140	160
Descent Gradient 5.3%	376	483	537	644	751	859

STRAIGHT-IN LANDING RWY 23		CIRCLE-TO-LAND	
MDA(H) 420' (324')		ALS out	
A	1.6 km	B	500' (404') - 1.9 km
B		C	580' (484') - 2.8 km
C		D	680' (584') - 3.7 km
D			780' (684') - 4.6 km

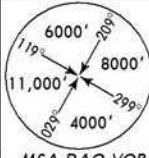
CHANGES: Chart reindexed.

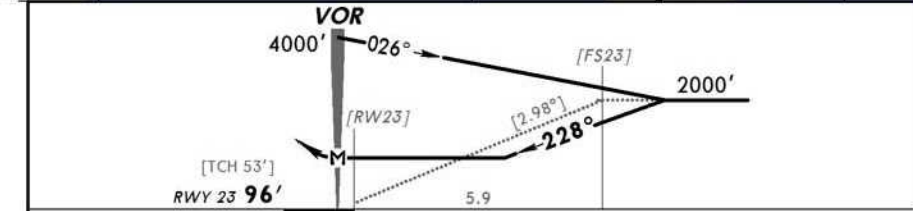
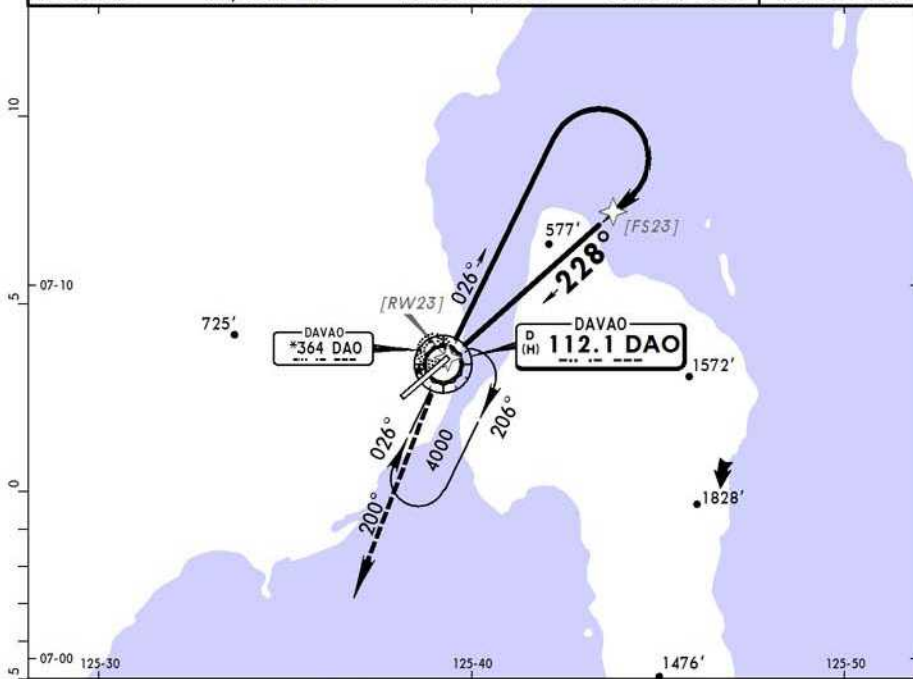
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RPMD/DVO  
BANGYO INTL

10 SEP 04 (13-3)

DAVAO, PHILIPPINES  
VOR Rwy 23

ATIS		DAVAO Approach		DAVAO Tower	
126.6		122.4		118.1	
VOR DAO 112.1	Final Apch Crs 228°	No FAF	MDA(H) 880' (784')	Apv Elev 96' RWY 23 96'	
MISSED APCH: Climb outbound on DAO VOR R-200 to 4000'. Return to DAO VOR and hold, or as instructed by ATC.					
Alt Set: hPa	Rwy Elev: 4 hPa	Trans level: FL 130	Trans alt: 11000'	MSA DAO VOR	



Gnd speed-Kts	70	90	100	120	140	160
Descent angle [2.98°]	369	474	527	633	738	843
Descent Gradient 5.2%	369	474	527	632	737	843

MAP at VOR						
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PAP	ALS	4000'	DAO
		↑	on 112.1
			R-200

STRAIGHT-IN LANDING RWY 23			CIRCLE-TO-LAND	
MDA(H) 880' (784')				
ALS out			Max Kts	MDA(H)
A	1.6 km		100	880' (784') - 1.9 km
B			135	880' (784') - 2.8 km
C	2.4 km		180	980' (884') - 3.7 km
D	2.8 km		205	1080' (984') - 4.6 km

CHANGES: Chart reindexed.

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