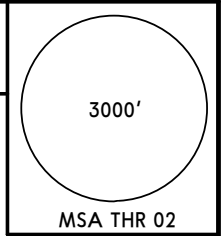


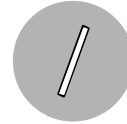
**ROUTING**

Descend on route T-315/UT-315, after MIKAR on course 053° to intercept and proceed on PUL R-205 (heading 025°) to LOGOR or according to ATC instructions.

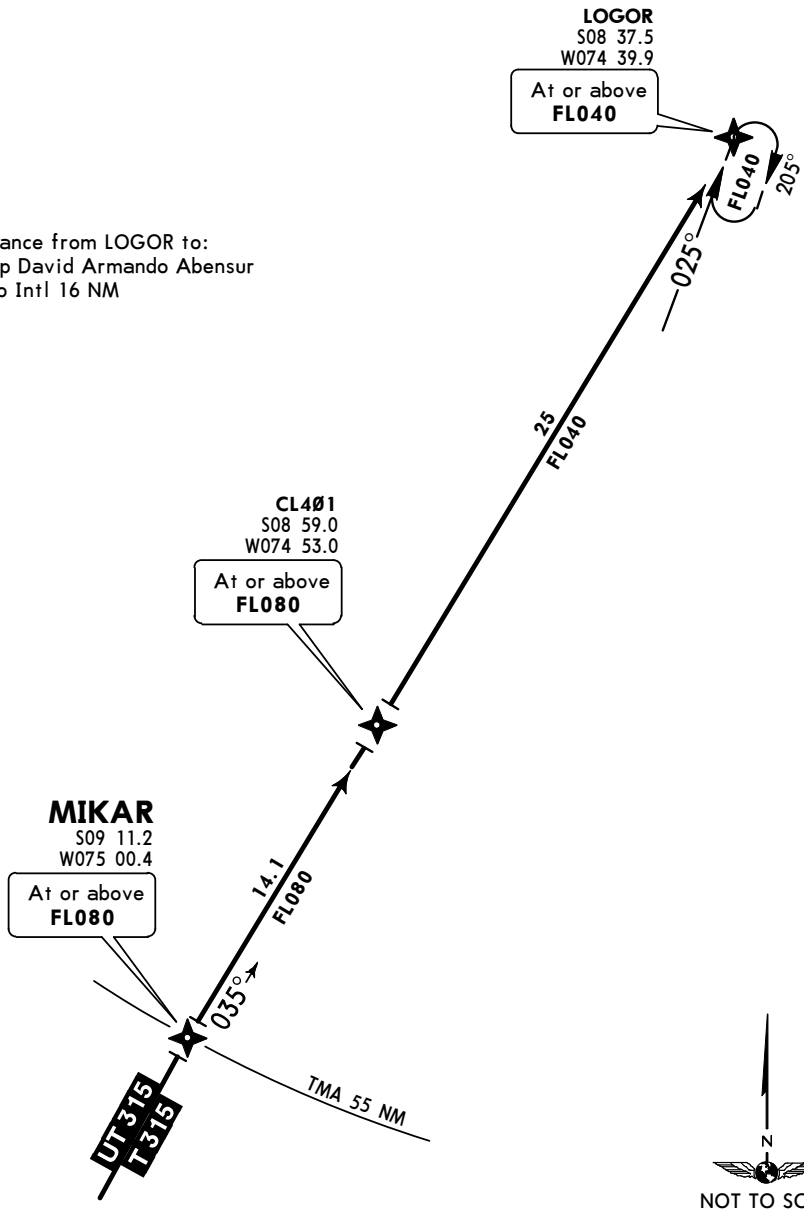
*ATIS 130.9	Apt Elev 516'	Alt Set: hPa Trans level: By ATC Trans alt: 3000' 1. GNSS required. 2. RNP 1 approval required.
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**MIKAR 1B RNAV (GNSS) ARRIVAL**  
 [MIKA1B]  
 (RWY 02)



Direct distance from LOGOR to:  
 Cap Fap David Armando Abensur  
 Rengifo Intl 16 NM

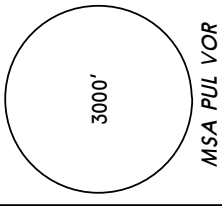


**ROUTING**

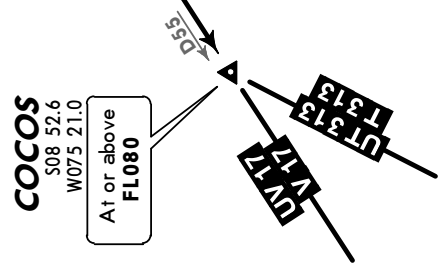
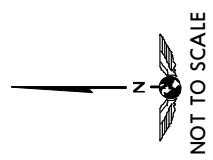
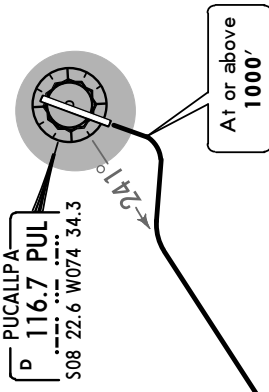
Descend from route T-315/UT-315 to LOGOR via MIKAR, CL401, according to ATC clearance.

Apt Elev  
516'

Trans level: By ATC Trans alt: 3000'

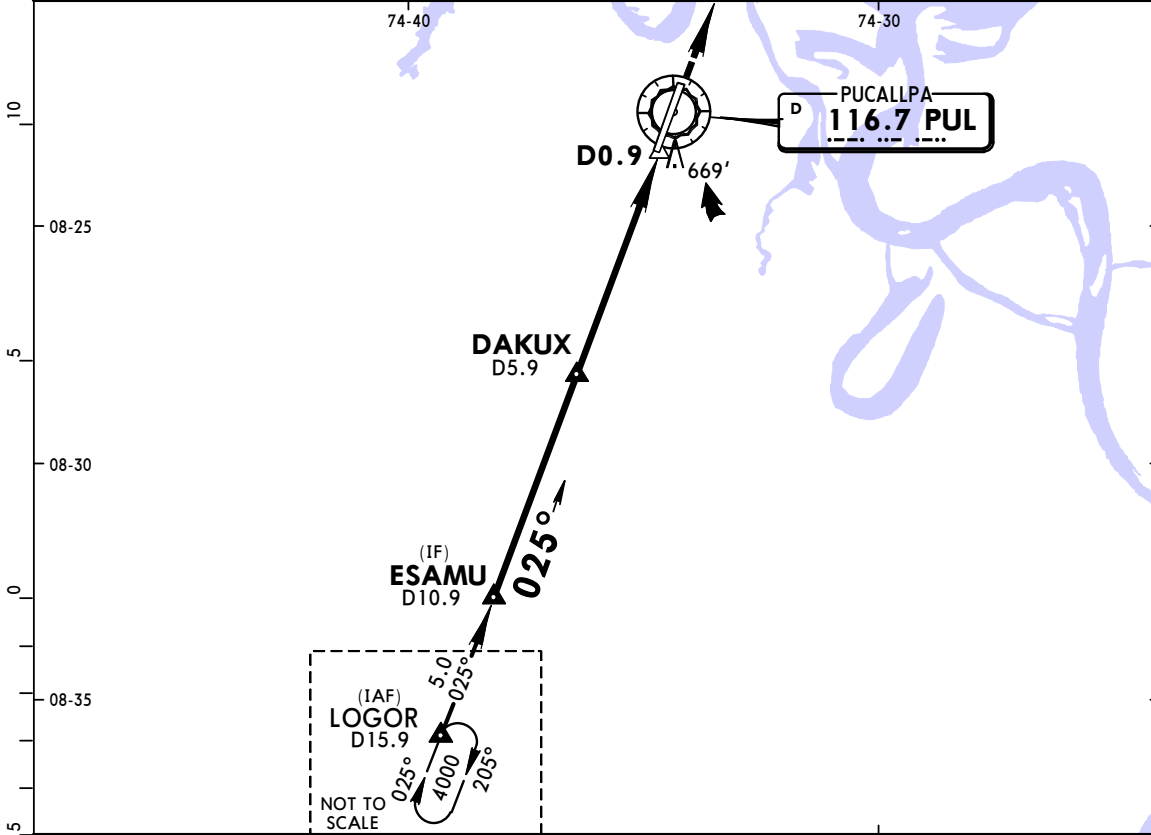


### COCOS 1 DEPARTURE [COCOS1] (RWY 20)

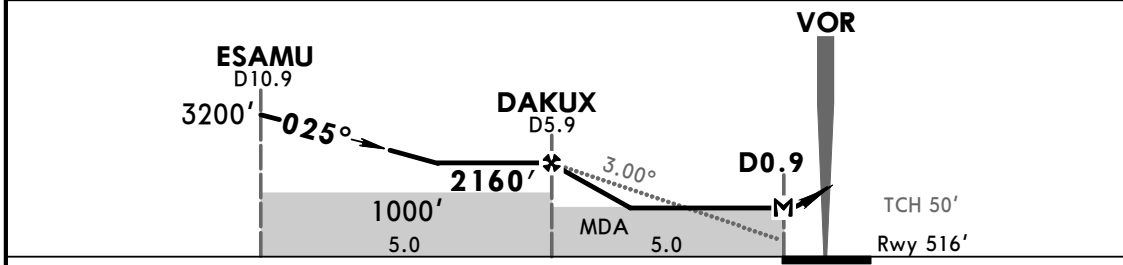


**INITIAL CLIMB**  
Climb on runway heading to 1000'. Turn RIGHT to intercept and proceed on PUL R-241 to COCOS, continue climb on routes V-17/UV-17 or T-313/UT-313.

*ATIS <b>130.9</b>		*PUCALLPA Approach <b>118.1</b>		*PUCALLPA Tower <b>118.1</b>		*PUCALLPA Radio (FIS) <b>126.9</b>	
VOR PUL <b>116.7</b>	Final Apch Crs <b>025°</b>	Minimum Alt <b>DAKUX</b> <b>2160'</b> (1644')	MDA(H) <b>920'</b> (404')	Apt Elev 516' Rwy 516'		3000'  MSA PUL VOR	
<b>MISSED APCH: Climb on runway heading to 3000' and continue with instructions from ATC.</b>							
Alt Set: hPa		Rwy Elev: 19 hPa		Trans level: By ATC			



PUL DME	5.0	4.0	3.0
ALTITUDE	1870'	1550'	1230'



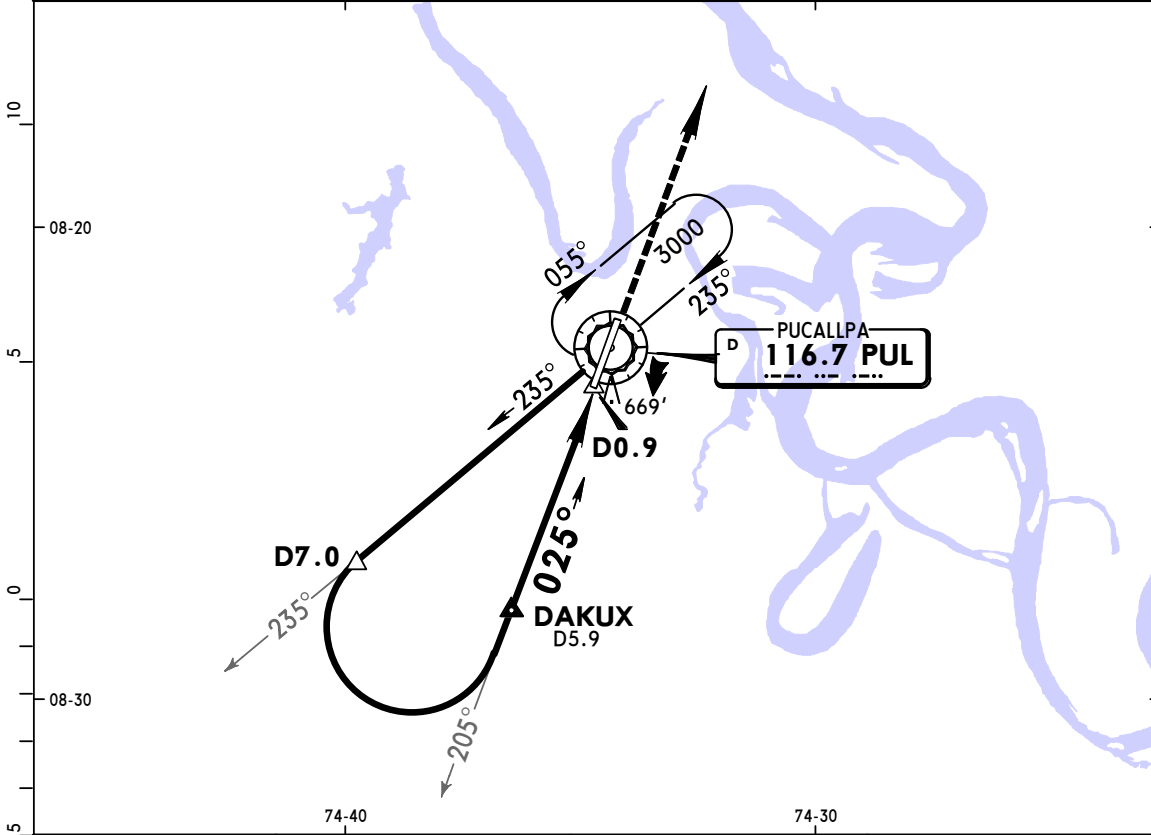
Gnd speed-Kts	70	90	100	120	140	160	SALS PAPI	3000' ↑ on Rwy hdg
Descent Angle	3.00°	372	478	531	637	743		
MAP at D0.9								

STRAIGHT-IN LANDING RWY 02 MDA(H) <b>920'</b> (404')				CIRCLE-TO-LAND Not Authorized East of Airport			
ALS out				Max Kts			
A	1600m			100	1100' (584') - 1600m		
B	2400m			135	1200' (684') - 3600m		
C				180			
D				205			

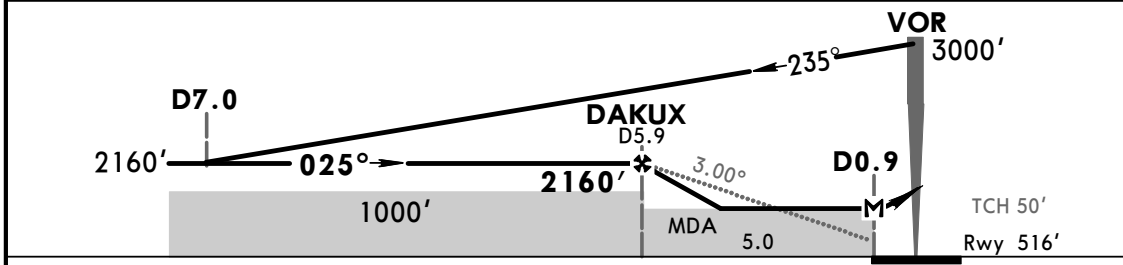
PANS OPS

CHANGES: ATIS added.

BRIEFING STRIP™	*ATIS 130.9		*PUCALLPA Approach 118.1		*PUCALLPA Tower 118.1		*PUCALLPA Radio (FIS) 126.9	
	VOR PUL <b>116.7</b>	Final Apch Crs <b>025°</b>	Minimum Alt <b>DAKUX</b> <b>2160'</b> (1644')	MDA(H) <b>920'</b> (404')	Apt Elev 516' Rwy 516'		3000'	
	<b>MISSED APCH: Climb on runway heading to 3000' and continue with instructions from ATC.</b>							
Alt Set: hPa		Rwy Elev: 19 hPa		Trans level: By ATC		Trans alt: 3000'		
1. DME required.							MSA PUL VOR	



PUL DME	5.0	4.0	3.0
ALTITUDE	1870'	1550'	1230'

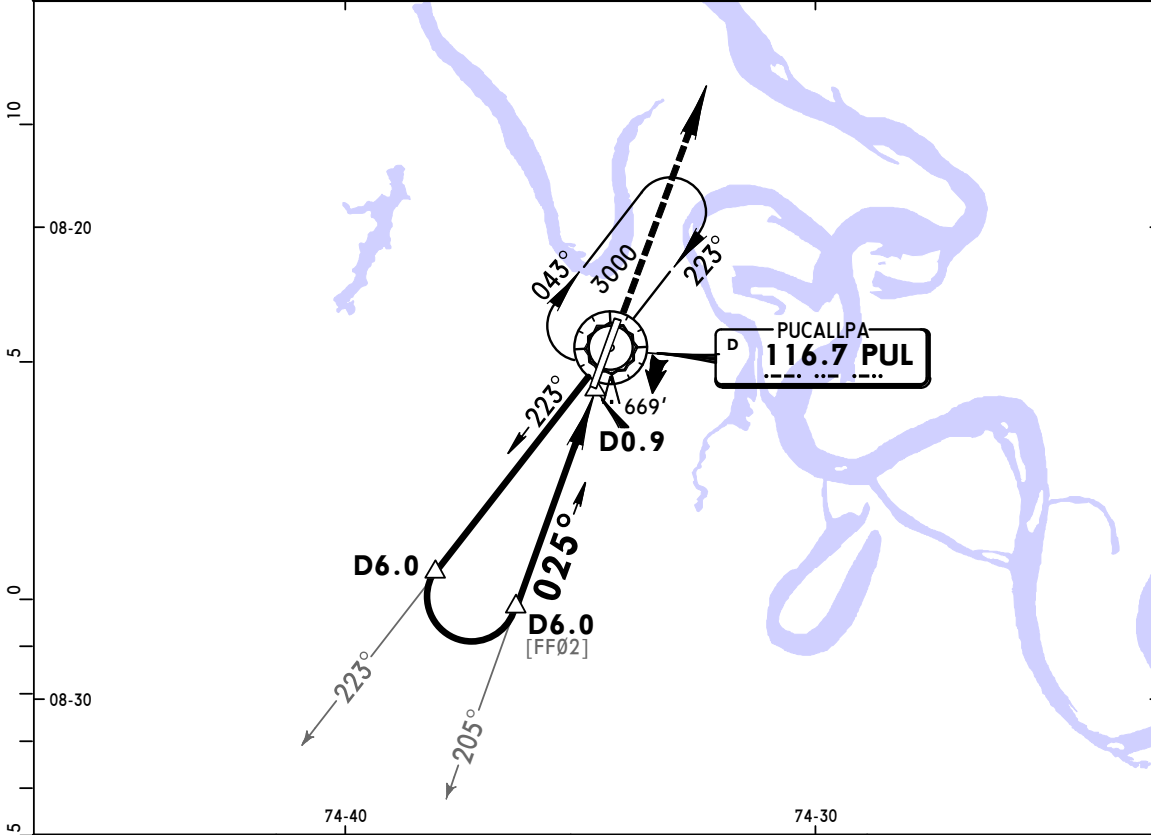


Gnd speed-Kts	70	90	100	120	140	160	SALS PAPI	3000' ↑ on Rwy hdg
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at D0.9								

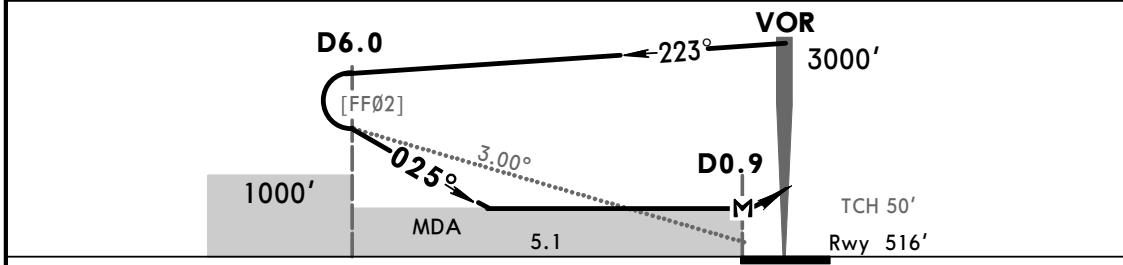
PANS OPS	STRAIGHT-IN LANDING RWY 02				CIRCLE-TO-LAND				
	MDA(H) <b>920'</b> (404')				Not Authorized East of Airport				
	ALS out				MDA(H)				
C	2400m				Max Kts	180			
D					Max Kts	205			
						1200' (684') - 3600m			

CHANGES: ATIS added.

*ATIS 130.9		*PUCALLPA Approach 118.1		*PUCALLPA Tower 118.1		*PUCALLPA Radio (FIS) 126.9	
VOR PUL <b>116.7</b>	Final Apch Crs <b>025°</b>	No FAF		MDA(H) <b>920'</b> (404')	Apt Elev 516' Rwy 516'		3000'  MSA PUL VOR
<b>MISSED APCH: Climb on runway heading to 3000' and continue with instructions from ATC.</b>							
Alt Set: hPa		Rwy Elev: 19 hPa		Trans level: By ATC		Trans alt: 3000'	



PUL DME	5.0	4.0	3.0
ALTITUDE	1870'	1550'	1230'



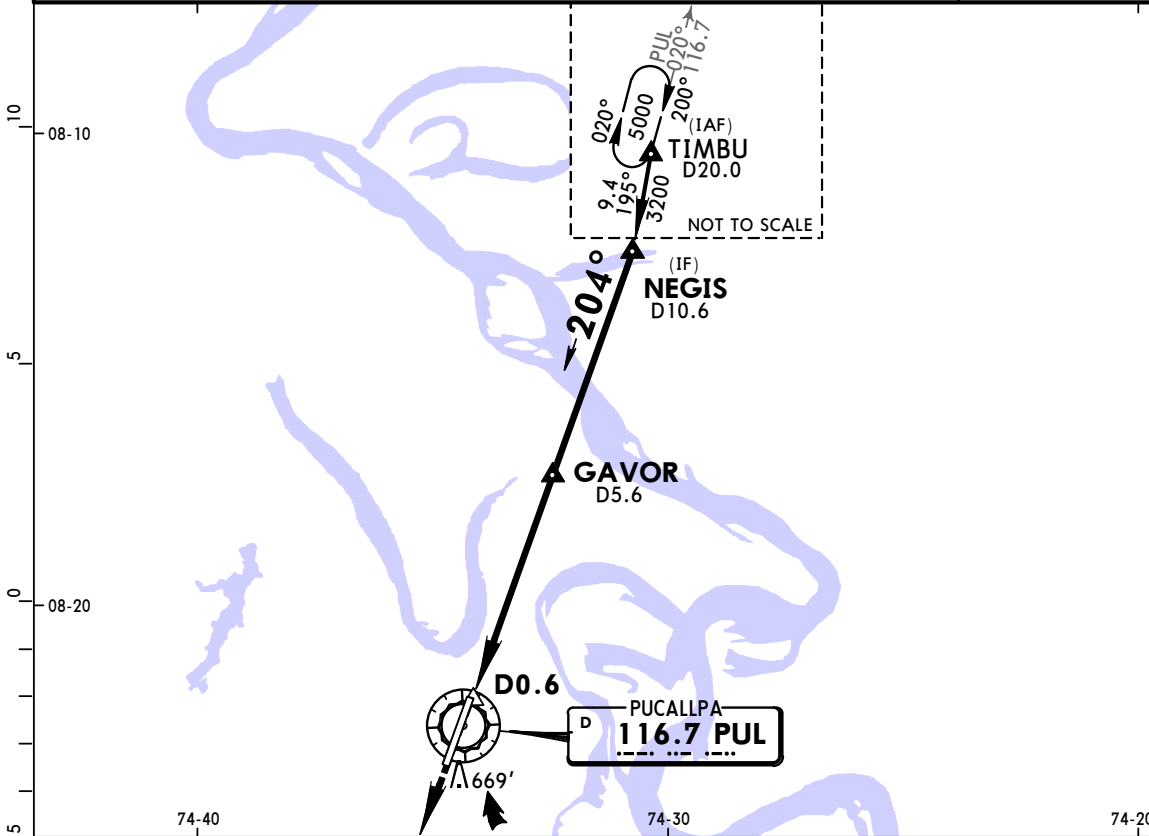
Gnd speed-Kts	70	90	100	120	140	160	SALS PAPI	3000' ↑ on Rwy hdg
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at D0.9								

STRAIGHT-IN LANDING RWY 02 MDA(H) <b>920'</b> (404')				CIRCLE-TO-LAND Not Authorized East of Airport			
ALS out				MDA(H)			
A	1600m			Max Kts	1100' (584') - 1600m		
B				100			
				135			

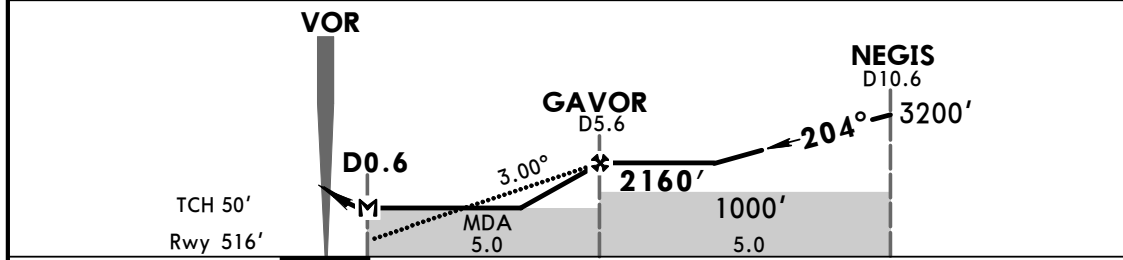
PANS OPS

CHANGES: ATIS added.

*ATIS <b>130.9</b>		*PUCALLPA Approach <b>118.1</b>		*PUCALLPA Tower <b>118.1</b>		*PUCALLPA Radio (FIS) <b>126.9</b>	
VOR PUL <b>116.7</b>	Final Apch Crs <b>204°</b>	Minimum Alt <b>GAVOR</b> <b>2160'</b> (1644')	MDA(H) <b>920'</b> (404')	Apt Elev 516' Rwy 516'		3000'	
<b>MISSED APCH: Climb on runway heading to 3000' and continue with instructions from ATC.</b>							
Alt Set: hPa		Rwy Elev: 19 hPa		Trans level: By ATC			
<b>1. DME required.</b>						MSA PUL VOR	



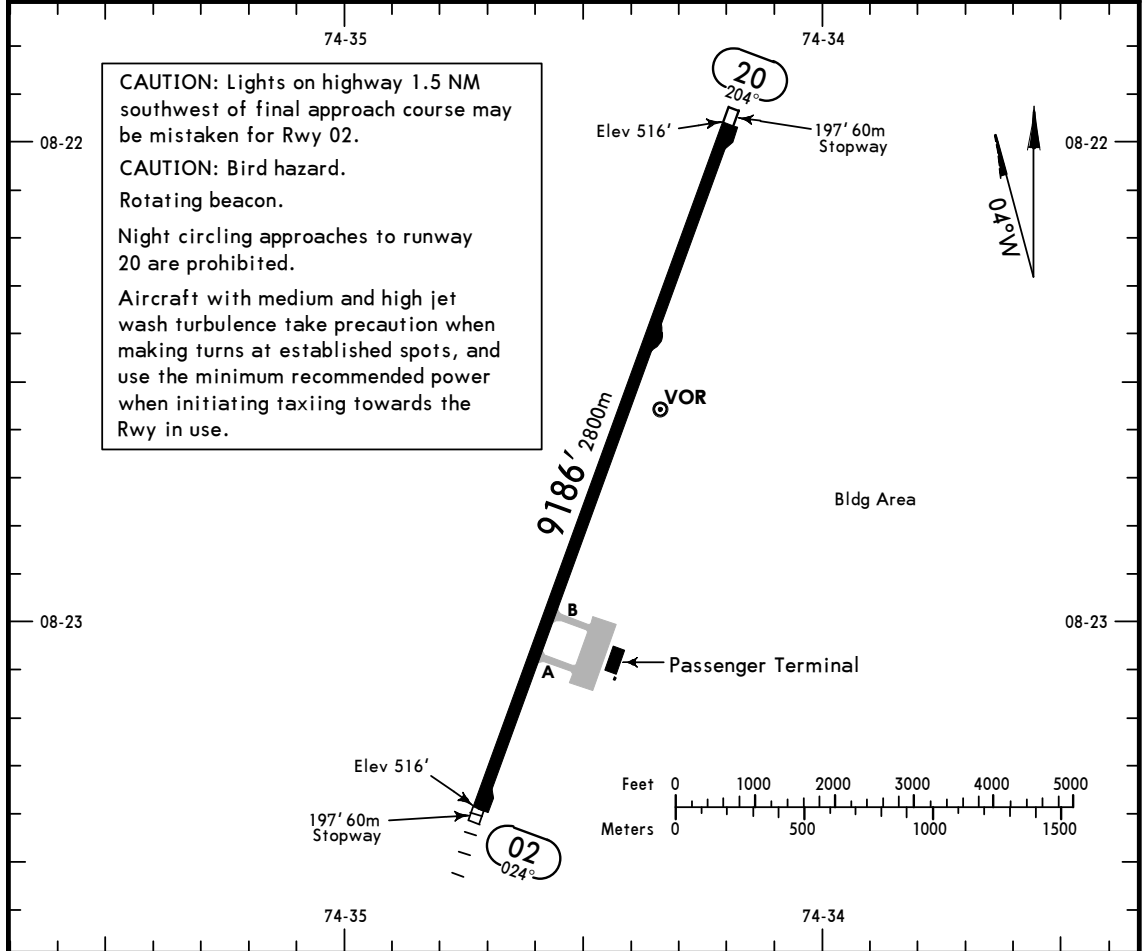
PUL DME	2.0	3.0	4.0	5.0	GAVOR
ALTITUDE	1010'	1330'	1650'	1970'	2160'



Gnd speed-Kts	70	90	100	120	140	160	PAPI-L	3000' on Rwy hdg
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at D0.6								

STRAIGHT-IN LANDING RWY 20				CIRCLE-TO-LAND Not Authorized East of Airport			
MDA(H) <b>920'</b> (404')				MDA(H) _____			
A	1600m			Max Kts	100		
B	2400m				1100' (584') - 1600m		
C					135		
D					180		
					205		
					1200' (684') - 3600m		

*ATIS <b>130.9</b>	*PUCALLPA Tower <b>118.1</b>	*PUCALLPA Radio (FIS) <b>126.9</b>
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**ADDITIONAL RUNWAY INFORMATION**

RWY		USABLE LENGTHS			WIDTH
		LANDING BEYOND Threshold	Glide Slope	TAKE-OFF	
02	RL 60m SALS (non-std) PAPI-L (angle 3.0°)				148'
20	RL 60m PAPI-L (angle 3.0°)				45m

**TAKE-OFF**

**All Rwys**

	Take-Off Alternate Apt. Filed	Take-Off Alternate Apt. Not Filed
1 Eng	1600m or Higher Available Landing Minimums	
2 Eng	1 hr alternate (1 Eng Inop) 1600m	Available Landing Minimums
3 or more Eng	2 hr alternate (1 Eng Inop) 800m	