

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> NUL/PANU	<u>PROCEDURE NAME</u> RNAV (GPS)-A	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> NULATO	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 406	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u> 13E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
		<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024		<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 137/30 CW 317/30	NOPT	137/10 CW 317/10		5000
2. 137/10 CW 317/10		TOYUP	IF/IAF	3500
3. 317/30 CW 047/30		MASNS	IAF	5000
4. 047/30 CW 137/30		VATIC	IAF	5000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
MASNS	IAF	TOYUP	NOPT	TF	FB	1.00	317.50	9.00	3500
VATIC	IAF	TOYUP	NOPT	TF	FB	1.00	137.19	9.00	3500
TOYUP	IF/IAF	COCAT		TF	FB	1.00	227.34	6.20	2100
COCAT	FAF	PAYOR	MAP	TF	FO	0.30	227.15	4.69	
PAYOR	MAP	1600 MSL		CA			227.15		1600
1600 MSL		TOYUP		DF	FO	1.00			3500

MISSED APPROACH

MAP:

PAYOR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3500 DIRECT TOYUP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD NE TOYUP, LT, 227.34 INBOUND, 3500 FT. IN LIEU OF PT (IF/IAF), MAX 6000.
3. FAC: 227.15FAF: COCATDIST FAF TO MAP: 4.69DIST FAF TO THLD:
4. MIN ALT: TOYUP 3500, COCAT 2100
5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:OM:MM:IM:
6. MIN GP INCPT:GP ALT AT FAF:
7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 3 AND 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

FAC CROSSES RWY 21 THRESHOLD.

FAS OBST: 805 TREE 644506N/1580218W.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT B 900-2, CAT C 900-2 1/2, CAT D 1100-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
CIRCLING	1120	1	714	1220	1 1/4	814	1280	2 1/2	874	1480	3	1074			

CHANGES - REASONS

ORIGINAL PROCEDURE



