

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33						Bearings, headings, courses, 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 in feet RVR.										
TERMINAL ROUTES											MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LNAV: PAYOR CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3500 DIRECT TOYUP AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 859 TREE 644459N/1580212W CHART CIRCLING ICON. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. CHART GALENA AWOS-3. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 19.83 DEGREES FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.							
MASNS (IAF)		TOYUP (NOPT) (TF) (FB) (RNP 1.00)		319.34 / 9.00			3500									
VATIC (IAF)		TOYUP (NOPT) (TF) (FB) (RNP 1.00)		139.04 / 9.00			3500									
TOYUP (IF/IAF)		COCAT (TF) (FB) (RNP 1.00)		229.19 / 6.20			2100									
COCAT (FAF)		PAYOR (MAP) (TF) (FO) (RNP 0.30)		229.00 / 4.73												
PAYOR (MAP)		1600 MSL		229.00			1600									
1600 MSL		TOYUP (DF) (FO) (RNP 1.00)					3500									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE TOYUP, LT, 229.19 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: 229.00 FAF: COCAT DIST FAF TO MAP: 4.73 THLD: 5.19 4. MIN. ALT: TOYUP 3500, COCAT 2100 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR 8. MSA FROM: _____											MAG VAR: 13E		EPOCH YEAR: 2020			
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		X							
CATEGORY >>>>>	A		B		C		D		E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LNAV MDA	1220	1	814	1220	1 1/4	814	1220	2 1/2	814	1220	2 1/2	814				
CIRCLING	1280	1 1/4	874	1380	1 1/2	974	1420	3	1014	1620	3	1214				
NOTES: CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: USE GALENA ALTIMETER SETTING. CHART NOTE: PROCEDURE NA AT NIGHT.																
CITY AND STATE		ELEVATION: 406 TDZE: 406		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 20						
NULATO, AK		AIRPORT NAME: NULATO				RNAV (GPS) RWY 21, AMDT 1				AMDT: ORIG-B						
						5 JANUARY 2017				DATED 09/15/2016						

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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TAA

	FROM	TO	ALT
1.	139/30 CW 319/30 (NOPT)	139/10 CW 319/10	5000
2.	139/10 CW 319/10	TOYUP (IF/IAF) (FB)	3500
3.	319/30 CW 049/30	MASNS (IAF) (FB)	5000
4.	049/30 CW 139/30	VATIC (IAF) (FB)	5000

QUALITY
20
CHECKED

CITY AND STATE
NULATO, AK

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