

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		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: RW33						
KEYEN (IAF)		ZAPIN (NOPT) (TF) (FB) (RNP 1.00)		062.39 / 5.06				3100		CLIMBING RIGHT TURN 3100 DIRECT ZAPIN AND HOLD.						
UDILE (IAF)		ZAPIN (NOPT) (TF) (FB) (RNP 1.00)		242.55 / 5.27				3100								
ZAPIN (IF/IAF)		ZODOG (TF) (FB) (RNP 1.00)		332.47 / 6.07				2600								
ZODOG (FAF)		RW33 (MAP) (TF) (FO) (RNP 0.30)		334.91 / 4.89						ADDITIONAL FLIGHT DATA: FAS OBST: 1214 AAO 452930N/0933400W. CHART VDP AT 1.67 NM TO RW33. ZODOG TO RW33: 3.04/41.						
RW33 (MAP)		1380 MSL (CA)		334.91												
1380 MSL		ZAPIN (DF) (FO) (RNP 1.00)						3100								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																
2. HOLD SE ZAPIN, RT, 332.47 INBOUND, 3100 FT. IN LIEU OF PT (IAF)																
3. FAC: 334.91 FAF: ZODOG DIST FAF TO MAP: 4.89 THLD: 4.89																
4. MIN. ALT: ZAPIN 3100, ZODOG 2600																
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: RW33 3500																
MAG VAR: 3E EPOCH YEAR: 1995																
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		STANDARD				
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		1560	1	580	1560	1	580	1560	1 5/8	580		NA				
CIRCLING		1640	1	660	1640	1	660	1640	1 3/4	660		NA				
NOTES: CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT UDILE ON V218 NORTHBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KEYEN ON V510/T330 NORTHWEST BOUND.																
CITY AND STATE PRINCETON, MN		ELEVATION: 980 TDZE: 980 AIRPORT NAME: PRINCETON MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG-A 29 MARCH 2018						SUP: AMDT: ORIG DATED 05/12/2005				