

**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> KPNM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 16	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>CITY</u> PRINCETON	<u>STATE</u> MN		
<u>AIRPORT ELEVATION</u> 980	<u>TDZE</u> 980	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>DATED</u> 11/05/2020	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 DECEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
CIVOL		HIDED		TF	FB	1.00	264.73	6.50	5000
DAYLE		HODUP		TF	FB	1.00	029.74	7.07	4000
HIDED	IAF	GOLLF	NOPT	TF	FB	1.00	249.06	6.00	3000
HODUP	IAF	GOLLF	NOPT	TF	FB	1.00	068.86	6.00	3000
GOLLF	IF/IAF	LASIY		TF	FB	1.00	158.96	6.97	2600
LASIY	FAF	SOYOL	MAP	TF	FO	0.30	159.00	4.47	
SOYOL	MAP	1380 MSL		CA			159.00		
1380 MSL		GOLLF		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: SOYOL

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 3000 DIRECT GOLLF AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD N GOLLF, LT, 158.96 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 159.00FAF: LASIYDIST FAF TO MAP: 4.47DIST FAF TO THLD: 4.96

4. MIN ALT: GOLLF 3000, LASIY 2600

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:

6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS CLEARTCH:

8. MSA FROM: SOYOL 3500

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CIVOL ON V218 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DAYLE ON T330 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 4.12 DEGREES.
FAS OBST: 1202 AAO 453733N/0933844W.
CHART VDP AT 0.88 NM TO SOYOL.
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
CHART CIRCLING ICON.
LASIY TO RW16: 3.00/41.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LNAV MDA	1460	1	480	1460	1	480	1460	1 3/8	480		NA				
CIRCLING	1640	1	660	1640	1	660	1640	1 3/4	660		NA				

CHANGES - REASONS

1. CHANGED PROCEDURE NAME FROM "RNAV (GPS) RWY 15" TO "RNAV (GPS) RWY 16" - RUNWAY NUMBER CHANGED, INCORPORTATED P-NOTAM 2007211100-PERM.
2. ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" TO ALTERNATE MINIMUMS - IAW 8260.19H 8-6-11(B)(4).
3. UPDATED CHART NOTE FROM "CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - RUNWAY NUMBER CHANGED.
4. UPDATED ADDITIONAL FLIGHT DATA NOTE FROM "LASIY TO RW15: 3.00/41" TO "LASIY TO RW16: 3.00/41" - RUNWAY NUMBER CHANGED.
5. ADDED CHART CIRCLING ICON - P-NOTAM ORIG-C.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, PNM FSS, STATE AERO

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE *Digitally signed by* **DATE**

JOHN BORDY

Oct 14, 2020

DEVELOPED BY

JOHN BORDY (JUDITH TUTTLE)

Digitally signed by

JOHN BORDY

Oct 14, 2020

OFFICE

AJV-A422

DATE

07/22/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

Oct 14, 2020

OFFICE

AJV-A420

DATE

TITLE
MANAGER