

U.S. 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	MAP: DA
LDASH (IAF) (40E) (43A)	JOSAV (TF) (FB) (RNP 1.00) (40E) (41E)	259.78 / 12.20	4000	CLIMB TO 5000 VIA 347.53 TRACK TO CHETZ AND VIA 333.16 TRACK TO GEP VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD N, LT, 166.00 INBOUND CHART FAS OBST: 1002 BLDG 445133N / 0931335W 1000 BLDG 445129N / 0931323W
PEPPR (IAF) (40E) (43A)	JOSAV (TF) (FB) (RNP 1.00) (40E) (41E)	002.05 / 16.02	4000	
LYDIA (IAF) (40E) (43A)	JOSAV (TF) (FB) (RNP 1.00) (40E) (41E)	077.35 / 13.02	4000	
JOSAV (IF) (40E) (43I)	LORAH (TF) (FB) (RNP 1.00) (40E) (43F)	347.58 / 6.80	3000	
LORAH (FAF) (40E) (43F)	RW35 (TF) (FO) (40G) (41Y) (43M)	347.56 / 6.52		
RW35 (MAP) (40G) (41Y) (43M)	CHETZ (TF) (FB) (RNP 1.00) (40E)	347.53 / 7.18		
CHETZ (40E)	GEP VORTAC (TF) (FO) (RNP 1.00) (40E) (41Y) (43H)	333.16 / 10.71	5000	

- PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
- PROFILE STARTS AT JOSAV
- FAC: 347.56 FAF: _____ DIST FAF TO MAP: _____ THLD: _____
- MIN. ALT: JOSAV 4000
- DIST TO THLD FROM OM: 6.52 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
- MIN GS INCPT: 3000 GS ALT AT: LORAH 3000 OM: _____ MM: _____ IM: _____
- GS ANGLE: 3.00 TCH: 52.8# 34:1 IS NOT CLEAR
- MSA FROM: RW35 3500

DIST TO THLD FROM 452 HAT: 1.26 NM
 ROUTE TYPE: A, R
 ROUTE TYPE QUALIFIER 1: P
 ROUTE TYPE QUALIFIER 2: A, S
 #TCH 886.2 MSL (DO NOT CHART)
 MAG VAR: 2E EPOCH YEAR: 95

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X	C			D			E			
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

SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.19 DA	1286	5000	452	1286	5000	452	1286	5000	452	1286	5000	452			
RNP 0.30 DA	1329	6000	495	1329	6000	495	1329	6000	495	1329	6000	495			

NOTES:
 CHART NOTES: VISIBILITY REDUCTION BY HELICOPTERS NA. WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
 GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (8F) OR ABOVE 47C (117F).
 FOR INOPERATIVE ALSF, INCREASE RNP 0.19 VISIBILITY TO 1 1/2 AND RNP 0.30 VISIBILITY TO 1 3/4.

CITY AND STATE	ELEVATION: 841 TDZE: 834	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MINNEAPOLIS, MN	AIRPORT NAME: MINNEAPOLIS-ST PAUL INTL/WOLD CHAMBERLAIN	RNAV	AUG 30 2007 RNAV (RNP) Y RWY 35, ORIG	AMDT: NONE
				DATE

NOTES CONT'D:

CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT LDASH VIA V218 SOUTHEAST BOUND AND V26 NORTHEAST BOUND. PROCEDURE NA FOR ARRIVALS AT LYDIA VIA V505 AND V26 SOUTHWEST BOUND. PROCEDURE NA FOR ARRIVALS AT PEPPR VIA V13-411 SOUTHBOUND.

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

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				DATED:

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LDASH	LDASH	010	IAF	IF		FB				
	LDASH	JOSAV	020	IF	TF		FB	1.0	259.8 (262T)	012.2	04000
	LYDIA	LYDIA	010	IAF	IF		FB				
	LYDIA	JOSAV	020	IF	TF		FB	1.0	077.4 (079T)	013.0	04000
	PEPPR	PEPPR	010	IAF	IF		FB				
	PEPPR	JOSAV	020	IF	TF		FB	1.0	002.1 (004T)	016.0	04000
		JOSAV	010	FACF	IF		FB				04000
		LORAH	020	FAF	TF		FB	1.0	347.6 (350T)	006.8	03000
		RW35	030	MAP	TF		FO	0.3	347.6 (350T)	006.5	00886

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	
	CHETZ	040			TF	FB	1.0	347.5 (350T)	007.2		
	GEP	050			TF	FO	1.0	333.2 (335T)	010.7	05000	
	GEP	060			HM	L	FO	2.0	166.00 (168T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CHETZ	N445901.80	W0931602.17	N4459.030	W09316.036
	JOSAV	N443852.32	W0931048.68	N4438.872	W09310.811
	LDASH	N444038.25	W0925354.21	N4440.638	W09253.904
	LORAH	N444533.58	W0931232.25	N4445.560	W09312.538
	LYDIA	N443629.40	W0932844.19	N4436.490	W09328.737
	PEPPR	N442253.61	W0931223.75	N4422.894	W09312.396
	RW35	N445158.24	W0931411.92	N4451.971	W09314.199

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00833	53

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			RNAV (RNP) Y RWY 35, ORIG	DATED: