

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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									
MKT VOR/DME		ZELET (FB)		280.41 / 38.15				3500		LPV: DA LNAV/VNAV: DA LNAV: RW30 CLIMB TO 3800 DIRECT ZUMIV AND VIA 258.40 TRACK TO MOLOW AND HOLD.							
RWF VOR/DME		LETPY (FB)		123.47 / 9.82				3500									
COMOS		OSHOV (FB)		194.98 / 7.83				3500									
OSHOV (IAF)		JAVEP (NOPT) (FB)		216.42 / 5.03				3500		ADDITIONAL FLIGHT DATA: HOLD W, LT, 106.35 INBOUND. CHART FAS OBST: 1139 TREE 443150N/0950343W DISTANCE TO THLD FROM 280 HAT: 0.74 NM. WAAS CHANNEL # 86610 REFERENCE PATH ID: W30A							
LETPY (IAF)		JAVEP (NOPT) (FB)		033.73 / 5.00				3500									
ZELET (IAF)		JAVEP (NOPT) (FB)		303.85 / 5.72				3500									
JAVEP (IF/IAF)		IJIVI (FB)		303.78 / 6.10				2600									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE JAVEP, RT, 303.78 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: 303.70 FAF: IJIVI DIST FAF TO MAP: 4.75 THLD: 4.75 4. MIN. ALT: JAVEP 3500, IJIVI 2600, CIPOS/1.50 NM TO RW30 1540* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2600 GS ALT AT: IJIVI OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR 8. MSA FROM: RW30 2700																	
										MAG VAR: 4E			EPOCH YEAR: 2000				
MINIMUMS																	
TAKEOFF:		STANDARD		X		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		
LPV DA	1304	1	280	1304	1	280	1304	1	280	1304	1	280					
LNAV/VNAV DA	1440	1 1/2	416	1440	1 1/2	416	1440	1 1/2	416	1440	1 1/2	416					
LNAV MDA	1400	1	376	1400	1	376	1400	1	376	1400	1 1/4	376					
CIRCLING	1480	1	456	1580	1	556	1580	1 1/2	556	1700	2 1/4	676					
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MKT VOR/DME VIA V250 NORTHEAST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. SEE 8260-10																	
CITY AND STATE				ELEVATION: 1024 TDZE: 1024				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
REDWOOD FALLS, MN				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 30, ORIG				AMDT: NONE	
				REDWOOD FALLS MUNI								12 MAR 2009				DATED	

 QUALITY
2
CHECKED

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NOTES CONT.***LNAV ONLY****CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).****CHART NOTE: BARO-VNAV NA WHEN USING OLIVIA REGIONAL ALTIMETER SETTING.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OLIVIA REGIONAL ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET AND LNAV CAT C VISIBILITY 1/4 MILE.**

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRWF
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	443238.5140N
LTP/FTP LONGITUDE	0950433.4380W
LTP/FTP ELLIPSOIDAL HEIGHT	+02842
FPAP LATITUDE	443332.9100N
FPAP LONGITUDE	0950612.1200W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

0D7F1FC9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03117
FPAP ORTHOMETRIC HEIGHT	+03117

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRWF	K3FR	30	ACOMOS	010COMOSK3EA0E	IF				18000		A JS	
SUSAP	KRWF	K3FR	30	ACOMOS	020SHOFK3EA0E	A 020TF	19500078	+ 03500				A JS	
SUSAP	KRWF	K3FR	30	ACOMOS	030JAVEPK3EA0EE	010TF	21640050	+ 03500				A JS	
SUSAP	KRWF	K3FR	30	AJAVEP	010JAVEPK3EA0EE	CR HF	30380060	+ 03500		18000		A JS	
SUSAP	KRWF	K3FR	30	AMKT	010MKT K3D 0V	IF				18000		A JS	
SUSAP	KRWF	K3FR	30	AMKT	020ZELETK3EA0E	A 020TF	28040382	+ 03500				A JS	
SUSAP	KRWF	K3FR	30	AMKT	030JAVEPK3EA0EE	010TF	30390057	+ 03500				A JS	
SUSAP	KRWF	K3FR	30	ARWF	010RWF K3D 0V	IF				18000		A JS	
SUSAP	KRWF	K3FR	30	ARWF	020LETPYK3EA0E	A 020TF	12350098	+ 03500				A JS	
SUSAP	KRWF	K3FR	30	ARWF	030JAVEPK3EA0EE	010TF	03370050	+ 03500				A JS	
SUSAP	KRWF	K3FR	30	R	010JAVEPK3EA0E	I IF				18000		A JS	
SUSAP	KRWF	K3FR	30	R	020IJIVIK3EA1E	F 051TF	30380061	+ 02600			RW30 K3PGA	JS	

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SUSAP	KRWFK3FR30	R	020JIVIK3EA2WALPV	ALNAV/VNAV	ALNAV				JS
SUSAP	KRWFK3FR30	R	021CIPOSK3EA0E S	031TF		30370033	V 0154001548	-300	A JS
SUSAP	KRWFK3FR30	R	030RW30 K3PG0GY M	031TF		30370015	01068	-300	A JS
SUSAP	KRWFK3FR30	R	040ZUMIVK3EA0E M	010DF					A JS
SUSAP	KRWFK3FR30	R	050MOLOWK3EA0EY	010TF		2584	+ 03800		A JS
SUSAP	KRWFK3FR30	R	060MOLOWK3EA0EE	HL020HM		10640060	+ 03800		A JS

[illegible]

SUSAP KRWFK3GRW30 0039983036 N44323851W095043344-0100 +02842010230000045100R

[illegible]

SUSAP	KRWFK3PR30	RW30	001	0000W30A0N4432385140W09504334380+028420300N4433329100W09506121200106751528000450F4005000D7F1FC9
SUSAP	KRWFK3PR30	RW30	002E	+03117+03117LPV 86610 000

[illegible]

SUSAP KRWF3SRW30 K3PG 0 18018002725 M

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	COMOS	COMOS	010		IF		FB				
	COMOS	OSHO	020	IAF	TF		FB	2.0	195.0(199T)	007.8	03500
	COMOS	JAVEP	030		TF		FB	1.0	216.4(220T)	005.0	03500
	JAVEP	JAVEP	010		HF	R	FB		303.8(308T)	006.0	03500
	MKT	MKT	010		IF		FB				
	MKT	ZELET	020	IAF	TF		FB	2.0	280.4(284T)	038.2	03500
	MKT	JAVEP	030		TF		FB	1.0	303.9(308T)	005.7	03500
	RWF	RWF	010		IF		FB				
	RWF	LETPY	020	IAF	TF		FB	2.0	123.5(128T)	009.8	03500
	RWF	JAVEP	030		TF		FB	1.0	033.7(038T)	005.0	03500
		JAVEP	010	FACF	IF		FB				03500
		IJIVI	020	FAF	TF		FB	0.5	303.8(308T)	006.1	02600
		CIPOS	021	SDF	TF		FB	0.3	303.7(308T)	003.3	0154001548
		RW30	030	MAP	TF		FO	0.3	303.7(308T)	001.5	01068

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ZUMIV	040		DF		FB	1.0			
	MOLOW	050		TF		FO	1.0	258.4(262T)		03800
	MOLOW	060		HM	L	FO	2.0	106.4(110T)	006.0	03800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MKT	N441311.70	W0935444.50	N4413.195	W09354.742
	RWF	N442802.05	W0950741.99	N4428.034	W09507.700
	CIPOS	N443143.54	W0950253.81	N4431.726	W09502.897
	COMOS	N443714.46	W0944427.56	N4437.241	W09444.459
	IJIVI	N442944.37	W0945918.18	N4429.740	W09459.303
	JAVEP	N442600.32	W0945233.99	N4426.005	W09452.567
	LETPY	N442203.13	W0945650.20	N4422.052	W09456.837
	MOLOW	N443253.21	W0952605.02	N4432.887	W09526.084
	OSHO	N442949.94	W0944801.14	N4429.832	W09448.019
	ZELET	N442229.94	W0944615.86	N4422.499	W09446.264
	ZUMIV	N443437.23	W0950808.93	N4434.621	W09508.149
	RW30	N443238.51	W0950433.44	N4432.642	W09504.557

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW30	01023		45

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