

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		LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 3000 DIRECT HOKMO AND VIA 027.72 TRACK TO WHISK AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 194.00 INBOUND CHART FAS OBST: 1073 ANT 445407N/0930329W, 925 TREE 445440N/0930311W DISTANCE TO THLD FROM 378 HAT: 1.05 NM ROUTE TYPE DESCRIPTION: A, R APPROACH ROUTE QUALIFIER 1: J, W APPROACH ROUTE QUALIFIER 2: S WAAS CHANNEL # 50123 REFERENCE PATH ID: W32A ALT2 AT JOSVU 1486									
PRESS (40E)		NACPI (TF) (FB) (40E) (43A)		317.42 / 8.03		3000											
LDASH (IAF) (40E) (43A)		FOMRU (TF)(FB)(40E)(41E)(43B)		354.44 / 5.45		3000											
NACPI (IAF) (40E) (43A)		FOMRU (TF)(FB)(40E)(41E)(43B)		233.21 / 5.00		3000											
FOMRU (IF) (40E) (43I)		RULDE (TF) (FB) (40E) (43F)		323.14 / 6.09		2500											
RW32 (MAP) (40G) (41Y) (43M)		1082 MSL (CA) (42M)		323.08													
1082 MSL		HOKMO (DF) (FB) (40E)															
HOKMO (40E)		WHISK (TF) (FO) (40E) (41E) (43H)		027.72 / 11.49		3000											
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT FOMRU 3. FAC: <u>323.08</u> FAF: <u>RULDE</u> DIST FAF TO MAP: <u>5.41</u> THLD: <u>5.41</u> 4. MIN. ALT: <u>FOMRU 3000, RULDE 2500, JOSVU/2.30 NM TO RW32 (40E) (42S) 1480</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2500</u> GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW32 3500</u>								MAG VAR: 3E EPOCH YEAR: 85									
MINIMUMS																	
TAKEOFF: _____		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A		@							
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	1082	1 1/4	378	1082	1 1/4	378	1082	1 1/4	378	1082	1 1/4	378				
LNAV/VNAV	DA	1377	2 1/2	673	1377	2 1/2	673	1377	2 1/2	673	1377	2 1/2	673				
LNAV	MDA	1320	1	616	1320	1	616	1320	1 3/4	616	1320	2	616				
CIRCLING		1580	2 1/2	875	1580	2 1/2	875	1580	2 1/2	875	1580	2 3/4	875				
NOTES: CHART NOTES: DME/DME RNP-0.3 NA. BARO-VNAV NA BELOW -16C (4F). CIRCLING TO RWY 9, 13, 27 NA AT NIGHT.												@ CAT A, B, C 900-2 1/2, CAT D 900-2 3/4					
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PRESS VIA V2-97 SOUTHEAST BOUND, AND ARRIVALS AT LDASH VIA V218 SOUTHEAST BOUND.																	
CITY AND STATE				ELEVATION: 705 TDZE: 704				FACILITY IDENTIFIER:				PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP:	
ST PAUL, MN				ST PAUL DOWNTOWN HOLMAN FLD				RNAV				FEB 16 2006 RNAV (GPS) RWY 32, ORIG				AMDT: NONE	
																DATE	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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FAS Data Block Information

Data Field	Data
Operation Type	0
SBAS Service Provider Identifier	0
Airport Identifier	KSTP
Runway	RW32
Approach Performance Indicator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier (Approach ID)	W32A
LTP/FTP Latitude	445537.3200W
LTP/FTP Longitude	0930315.8900W
LTP/FTP Ellipsoidal Height	+01870
FPAP Latitude	445628.1700N
FPAP Longitude	0930404.1300W
Threshold Crossing Height (TCH)	00045.0
TCH Units Selector (meters or feet used)	F
Glidepath Angle (GPA)	03.00
Course Width at Threshold	104.75
Length Offset	0000
Horizontal Alert Limits (HAL)	40.0
Vertical Alert Limits (VAL)	50.0

CRC Remainder	FC0E007C
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Additional Path Reference Point Record Information

ICAO Code	K3
LTP Orthometric Height	+02144
FPAP Orthometric Height	+02144

CITY AND STATE

ST PAUL, MN

ELEVATION:

705 TDZE: 704

AIRPORT NAME:

ST PAUL DOWNTOWN HOLMAN FLD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

FEB 16 2006

RNAV (GPS) RWY 32, ORIG

SUP:

AMDT: NONE

DATED: