

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 6800 DIRECT WITVO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6800. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 138.88 INBOUND. CHART FAS OBST: 3564 TREE 394335N/1014530W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 1.07 NM TO RW32* *LNAV ONLY. WAAS CHANNEL # 45839 REFERENCE PATH ID: W32A CHART CIRCLING ICON. CHART 3555 POLE 394247N/1014514W 3759 AAO 394016N/1014411W CHART 3584 TREE 394249N/1014533W LTP HAE: 1022 M					
RAZED (IAF)		DIPME (NOPT) (FB)			029.03 / 7.50			6800							
ZIRPO (IAF)		DIPME (NOPT) (FB)			249.19 / 7.50			6800							
DIPME (IF/IAF)		CATAX (FB)			319.09 / 7.50			5200							
CATAX (FAF)		HUDGO/2.60 NM TO RW32 (FB)			319.03 / 2.80										
HUDGO/2.60 NM TO RW32		RW32 (MAP) (FO)			319.03 / 2.60										
RW32 (MAP)		3680 MSL			319.03			6800							
3680 MSL		WITVO (FO)													
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE DIPME, RT, 319.09 INBOUND, 6800 FT. IN LIEU OF PT (IAF) 3. FAC: 319.03 FAF: CATAX DIST FAF TO MAP: 5.40 THLD: 5.40 4. MIN. ALT: DIPME 6800, CATAX 5200, HUDGO/2.60 NM TO RW32 4300* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 5200 GS ALT AT: CATAX 5200 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR 8. MSA FROM: _____										MAG VAR: 6E		EPOCH YEAR: 2020			
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
LPV DA	3680	1	250	3680	1	250	3680	1	250		NA				
LNAV/VNAV DA	3680	1	250	3680	1	250	3680	1	250		NA				
LNAV MDA	3820	1	390	3820	1	390	3820	1 1/8	390		NA				
CIRCLING	3840	1	410	3880	1	450	3900	1 1/2	470		NA				
NOTES: CHART NOTE: CIRCLING NA TO RWYS 9, 27, 18, AND 36. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA.															
CITY AND STATE		ELEVATION: 3430 TDZE: 3430			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
ST FRANCIS, KS		AIRPORT NAME:					RNAV (GPS) RWY 32, ORIG				AMDT: NONE				
		CHEYENNE COUNTY MUNI					10 NOVEMBER 2016				DATED:				

 QUALITY
4

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	249/30 CW 029/30 (NOPT)	DIPME (IF/IAF) (FB)	6800
2.	029/30 CW 139/30	RAZED (IAF) (FB)	6800
3.	139/30 CW 249/30	ZIRPO (IAF) (FB)	6800

CITY AND STATE

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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSYF
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	394507.5905N
LTP/FTP LONGITUDE	1014723.0980W
LTP/FTP ELLIPSOIDAL HEIGHT	+10220
FPAP LATITUDE	394620.6220N
FPAP LONGITUDE	1014829.3970W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
<u>CRC REMAINDER</u>	EC8BFE52

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+10453
FPAP ORTHOMETRIC HEIGHT	+10453

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - 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.		
ARINC SUMMARY - KSYF ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
DIPME	010	DIPME	HF	FO		319.1			R			AA 06800		EE A
RAZED	010	RAZED	IF	FB										E A
RAZED	020	DIPME	TF	FB	1.0	029.0						AA 06800		EE B
ZIRPO	010	ZIRPO	IF	FB										E A
ZIRPO	020	DIPME	TF	FB	1.0	249.2						AA 06800		EE B
	010	DIPME	IF	FB								AA 06800		E I
	020	CATAX	TF	FB	1.0	319.1						AA 05200		E F
	021	HUDGO	TF	FB	0.3	319.0		3.00				AA 04300 GS 04308		E S
	030	RW32	TF	FO	0.3	319.0		3.00				AT 03480		GY M
	040		CA	FB		319.0						AA 03680		M
	050	WITVO	DF	FO								AA 06800		EY
	060	WITVO	HM	FO		138.9			R			AA 06800		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
CATAX			N394041.84			W1014322.26								
DIPME			N393432.63			W1013748.72								
HUDGO			N394259.70			W1014527.11								
RAZED			N392823.98			W1014321.79								
WITVO			N395611.11			W1015727.25								
ZIRPO			N393628.14			W1012826.07								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE		THRESHOLD LONGITUDE		THRESHOLD ELEVATION		PROCEDURE TCH						
RW32		N394507.59		W1014723.10		03430		50						

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