

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
JUXAD (IF/IAF)	ZOLOS (FB)	171.69 / 3.97	2800	LPV: DA LNAV/VNAV: DA LNAV: RW16 CLIMB TO 3000 DIRECT MOXMI AND HOLD.			
ZOLOS (FAF)	UDELE/1.80 NM TO RW16 (FB)	171.70 / 3.10					
UDELE/1.80 NM TO RW16	RW16 (MAP) (FO)	171.71 / 1.80		ADDITIONAL FLIGHT DATA: HOLD S, RT, 351.73 INBOUND. CHART FAS OBST: 1289 TREE 372034N/0915819W DISTANCE TO THLD FROM 318 HATH: 0.86 NM. WAAS CHANNEL # 97329 REFERENCE PATH ID: W16A LTP HAE: 334.3 M			
RW16 (MAP)	1513 MSL	171.71					
1513 MSL	MOXMI (FO)		3000				

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)							
2. HOLD N JUXAD, RT, 171.69 INBOUND, 3400 FT. IN LIEU OF PT (IAF)							
3. FAC: <u>171.70</u> FAF: <u>ZOLOS</u> DIST FAF TO MAP: <u>4.90</u> THLD: <u>4.90</u>							
4. MIN. ALT: JUXAD 3400, ZOLOS 2800, UDELE/1.80 NM TO RW16 1800*							
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>							
6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>ZOLOS 2800</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>							
7. GS ANGLE: <u>3.00</u> TCH: <u>43.1</u> 34:1 IS CLEAR							
8. MSA FROM: <u>RW16 3000</u>							

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT												ALTERNATE: N A X			
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	1513	1	318	1513	1	318		NA			NA				
LNAV/VNAV DA	1513	1	318	1513	1	318		NA			NA				
LNAV MDA	1620	1	425	1620	1	425		NA			NA				
CIRCLING	1740	1	545	1760	1	565		NA			NA				

NOTES:
 CHART NOTE: BARO-VNAV NA.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT JUXAD ON V72 SOUTHWEST BOUND.
 CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.
 (SEE FORM 8260-10)

CITY AND STATE HOUSTON, MO	ELEVATION: 1195 THRE: 1195 AIRPORT NAME: HOUSTON MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG 20 SEPTEMBER 2012	SUP: AMDT: NONE DATED
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QUALITY
2
REQUIRED

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NOTES, (CONT.):

CHART NOTE: USE FORT LEONARD WOOD ALTIMETER SETTING, WHEN NOT RECEIVED USE WEST PLAINS ALTIMETER SETTING.

*LNAV ONLY

CITY AND STATE
HOUSTON, MO

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	M48
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	372005.9335N
LTP/FTP LONGITUDE	0915826.5385W
LTP/FTP ELLIPSOIDAL HEIGHT	+03343
FPAP LATITUDE	371837.6500N
FPAP LONGITUDE	0915810.4400W
THRESHOLD CROSSING HEIGHT (TCH)	00043.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

68D2D5C7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03643
FPAP ORTHOMETRIC HEIGHT	+03643

QUALITY
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP M48 K3FR16	AJUXAD	010JUXADK3EA0EE	AR	HF		17170040		+ 03400	18000			A JS	
SUSAP M48 K3FR16	R	010JUXADK3EA0E	I	IF				+ 03400	18000			A JS	
SUSAP M48 K3FR16	R	020ZOLOSK3EA1E	F	051TF		17170040		+ 02800			RW16	K3PGA	JS
SUSAP M48 K3FR16	R	020ZOLOSK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP M48 K3FR16	R	021UDELEK3EA0E	S	031TF		17170031		V 018000	1812		-300		A JS
SUSAP M48 K3FR16	R	030RW16 K3PGOGY	M	031TF		17170018		01238			-300		A JS
SUSAP M48 K3FR16	R	040	0	M	CA	1717		+ 01513					A JS
SUSAP M48 K3FR16	R	050MOXMIK3EA0EY		DF				+ 03000					A JS
SUSAP M48 K3FR16	R	060MOXMIK3EA0EE	R	HM		35170040		+ 03000					A JS

[illegible][illegible][illegible]

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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ARINC SUMMARY - 424-8 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	JUXAD	JUXAD	010	IAF	HF	R	FO		171.7 (171.7T)	004.0	AA 03400	
		JUXAD	010	FACF	IF		FB				AA 03400	
		ZOLOS	020	FAF	TF		FB	0.5	171.7 (171.7T)	004.0	AA 02800	
		UDELE	021	SDF	TF		FB	0.3	171.7 (171.7T)	003.1	AA 01800	GS 01812
		RW16	030	MAP	TF		FO	0.3	171.7 (171.7T)	001.8	AT 01238	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		171.7 (171.7T)		AA 01513	
	MOXMI	050		DF		FO				AA 03000	
	MOXMI	060		HM	R	FO		351.7 (351.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JUXAD	N372853.62	W0920003.02	N3728.894	W09200.050
	MOXMI	N371030.71	W0915641.79	N3710.512	W09156.697
	UDELE	N372152.93	W0915846.07	N3721.882	W09158.768
	ZOLOS	N372457.43	W0915919.79	N3724.957	W09159.330
	RW16	N372005.93	W0915826.54	N3720.099	W09158.442

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	01195	43

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