US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOXID (IF)	JOVPA (FB)	174.42 / 5.00	2000
JOVPA (FAF)	OLNAJ/2.50 NM TO RW17 (FB)	174.43 / 2.92	
OLNAJ/2.50 NM TO RW17	RW17 (MAP) (FO)	174.43 / 2.50	
RW17 (MAP)	529 MSL	174.43	
529 MSL	ZUGUK (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 3000 DIRECT ZUGUK AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 354.44 INBOUND.
CHART FAS OBST: 316 TREE 302410N/0960614W
CHART BRENHAM AWOS-3
DISTANCE TO THLD FROM 300 HATH: 0.80 NM.
WAAS CHANNEL # 42931
REFERENCE PATH ID: W17A
LTP HAE: 42.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HOXID
3. FAC: 174.43 FAF: JOVPA DIST FAF TO MAP: 5.42 THLD: 5.42
4. MIN. ALT: HOXID 2000, JOVPA 2000, OLNAJ/2.50 NM TO RW17 1060*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: JOVPA 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.2 34:1 IS NOT CLEAR
8. MSA FROM: RW17 3000

MAG VAR: 3E EPOCH YEAR: 2015

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	529	1	300	529	1	300	529	1	300	529	1	300			
LNAV/VNAV DA	635	1 3/8	406	635	1 3/8	406	635	1 3/8	406	635	1 3/8	406			
LNAV MDA	620	1	391	620	1	391	620	1 1/8	391	620	1 1/8	391			
CIRCLING	820	1	591	820	1	591	820	1 1/2	591	980	2 1/2	751			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: USE BRENHAM ALTIMETER SETTING, WHEN NOT RECEIVED, USE COLLEGE STATION ALTIMETER SETTING AND INCREASE ALL DA 6 FEET AND ALL MDA 20 FEET.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 229 THRE: 229 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NAVASOTA, TX	NAVASOTA MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 7 MARCH 2013	AMDT: NONE DATED

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NOTES, (CONT.):
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED

CITY AND STATE	ELEVATION: 229 THRE: 229	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	60R
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	302226.4230N
LTP/FTP LONGITUDE	0960647.9270W
LTP/FTP ELLIPSOIDAL HEIGHT	+00425
FPAP LATITUDE	302057.2030N
FPAP LONGITUDE	0960643.3090W
THRESHOLD CROSSING HEIGHT (TCH)	00045.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	DAC71FFD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00698
FPAP ORTHOMETRIC HEIGHT	+00698

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC PACKET - 424-18 - RNAV (GPS)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HOXID K40    W     N30325245W096072040                      E0035     NAR           HOXID
        SUSAEAENRT   JOVPA K40    W     N30275201W096070480                      E0035     NAR           JOVPA
        SUSAEAENRT   OLNAJ K40    W     N30245662W096065571                      E0035     NAR           OLNAJ
        SUSAEAENRT   ZUGUK K40    W     N30090412W096060649                      E0035     NAR           ZUGUK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 60R K4A60R     0     050YHN30220170W096064660E003000229         1800018000C    MNAR    NAVASOTA MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 60R K4FR17   R      010HOXIDK4EA0E  I    IF                                  + 02000     18000                  A JS
        SUSAP 60R K4FR17   R      020JOVPAK4EA1E  F 051TF                      17440050    + 02000                  RW17  K4PGA JS
        SUSAP 60R K4FR17   R      020JOVPAK4EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP 60R K4FR17   R      021OLNAJK4EA0E S  031TF                      17440029    V 0106001070        -300          A JS
        SUSAP 60R K4FR17   R      030RW17 K4PG0GY M 031TF                      17440025      00274             -300          A JS
        SUSAP 60R K4FR17   R      040          0  M     CA                     1744        + 00529                           A JS
        SUSAP 60R K4FR17   R      050ZUGUKK4EA0EY      DF                                  + 03000                           A JS
        SUSAP 60R K4FR17   R      060ZUGUKK4EA0EE  R   HM                      35440040    + 03000                           A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 60R K4GRW17    0050031744 N30222642W096064793-0700    +0042500229000045060R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 60R K4PR17   RW17 001 0000W17A0N3022264230W09606479270+004250300N3020572030W096064330901067512240004 52F400500DAC71FFD
        SUSAP 60R K4PR17   RW17 002E      +00698+00698LPV       42931

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 60R K4SRW17 K4PG                0   18018003025                                                                      M
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		HOXID	010	FACF	IF		FB				AA 02000	
		JOVPA	020	FAF	TF		FB	0.5	174.4(177.4T)	005.0	AA 02000	
		OLNAJ	021	SDF	TF		FB	0.3	174.4(177.4T)	002.9	AA 01060 GS 01070	
		RW17	030	MAP	TF		FO	0.3	174.4(177.4T)	002.5	AT 00274	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		174.4(177.4T)		AA 00529	
	ZUGUK	050		DF		FO				AA 03000	
	ZUGUK	060		HM	R	FO		354.4(357.4T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HOXID	N303252.45	W0960720.40	N3032.874	W09607.340
	JOVPA	N302752.01	W0960704.80	N3027.867	W09607.080
	OLNAJ	N302456.62	W0960655.71	N3024.944	W09606.929
	ZUGUK	N300904.12	W0960606.49	N3009.069	W09606.108
	RW17	N302226.42	W0960647.93	N3022.440	W09606.799

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00229	45

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