Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 08/22/2002	Task #: 2002082217440401002	Request #: 20020822174404
Procedure: RNAV (GPS) RWY 17 ORIG		Airport ID: K60R	Airport: NAVASOTA MUNI		Reimbursable #:
City: NAVASOTA	ST: TX	GPS #:		Estimated Chart Date: 03/07/2013	FICO #:
Fac ID:	Fac. Type: LPV	Specialist: NICHOLAS JACKSON(Contractor)			

LPV

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	08/28/2012	10/30/2012	CASIMIR TABAKA	
QA:	10/30/2012	10/30/2012	CASIMIR TABAKA	
Liaison:	10/30/2012		Spurlin	MAGVAR

MAG VAR

Procedure Comments: ENROUTE-NON

Remark Type: INFORMATION

pg 1 of 3

NAVASOTA, TX NAVASOTA MUNI (K60R) RNAV (GPS) RWY 17, ORIG (LPV) ENROUTE-NO FC: 1.22.13 PUB: 3.7.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): HOXID, ORIG; JOVPA, ORIG; OLNAJ, ORIG; ZUGUK, ORIG.
FLCK NOTE: 4D ACCURACY CODE EVAL REQUESTED, SEE 8260-9

CONTACT: JILL OLSON/STEVE BARNETT -AVJ-353 LEADS, 405.954.4014 / 405.954.9307.

RNAV (GPS) RWY 17

NAVASOTA MUNI (60R)

WAAS CH 42931 W17A	APP CRS 174°	Rwy ldg 5003 THRE 229 Apt Elev 229

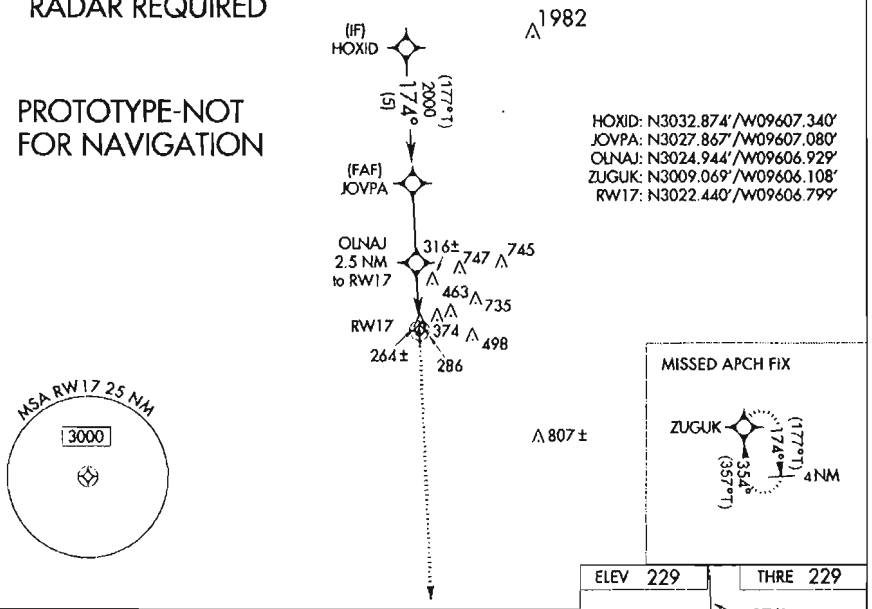
DME/DME RNP -0.3 NA. Helicopter visibility reduction below 3/4 SM no authorized. Use Brenham altimeter setting, when not received, use College Station altimeter setting and NA increase all DA 6 feet and all MDA 20 feet. Baro-VNAV NA.

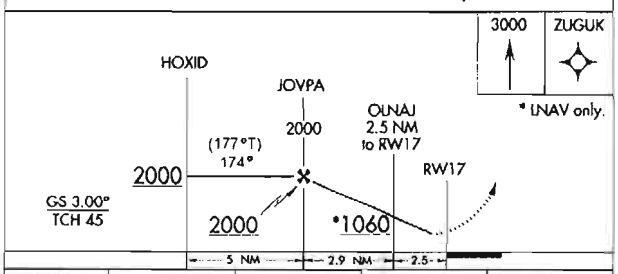
MISSED APPROACH: Climb to 3000 direct ZUGUK and hold.

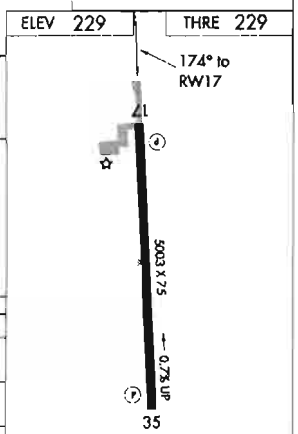
HOUSTON APP CON	CTAF	
134.3 360.85	122.9	123.3

RADAR REQUIRED

PROTOTYPE-NOT FOR NAVIGATION







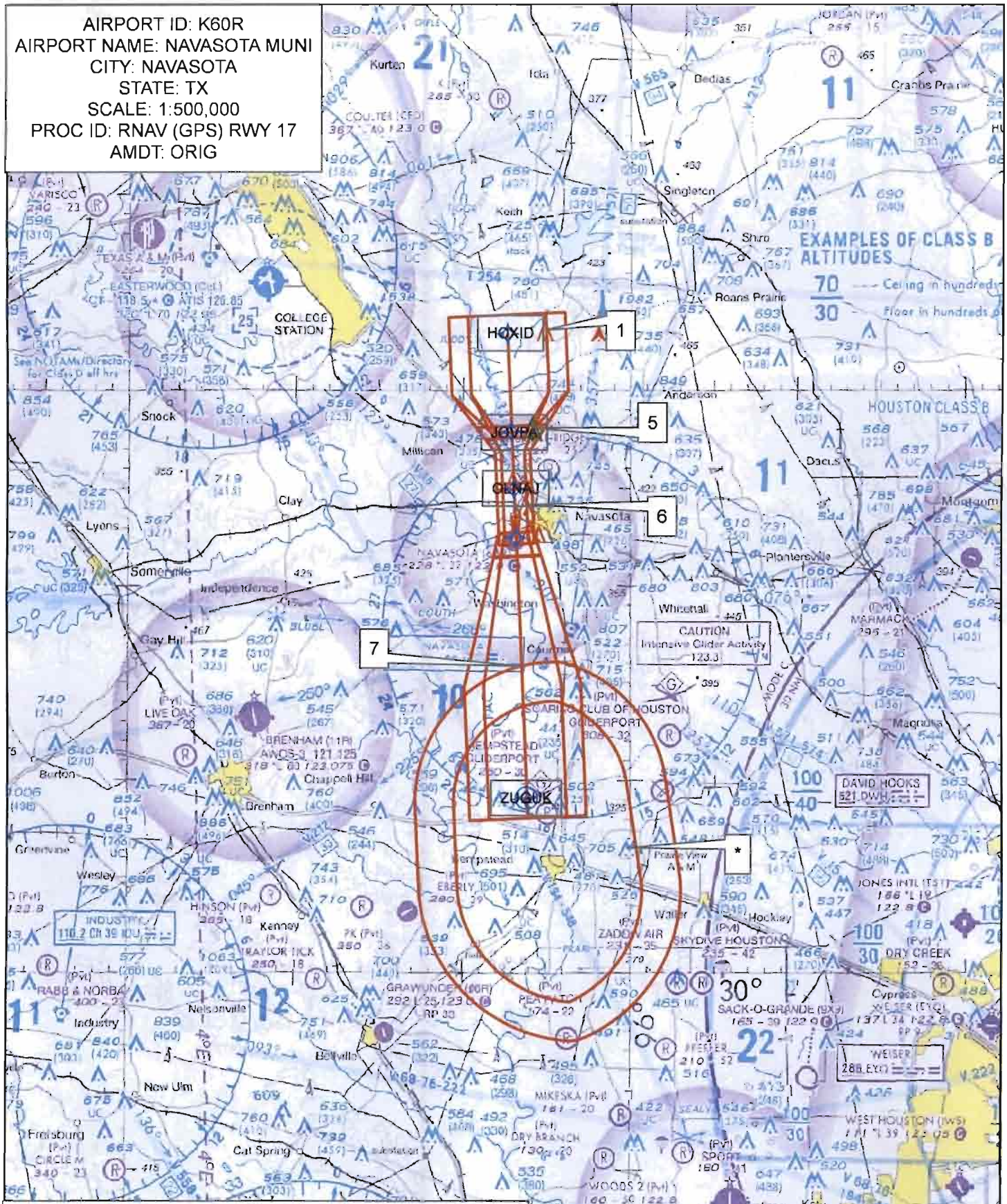
REIL Rwys 17 and 35
MIRL Rwy 17-35

CATEGORY	A	B	C	D
LPV DA	529-1 300 (300-1)			
LNAV/VNAV DA	635-1⅜ 406 (500-1⅜)			
LNAV MDA	620-1 391 (400-1)		620-1⅛ 391 (400-1⅛)	
CIRCLING	820-1 591 (600-1)		820-1 1/2 591 (600-1¾)	980-2½ 751 (800-2½)

AUTOMATED AL-6576 RNAV (GPS) RWY 17

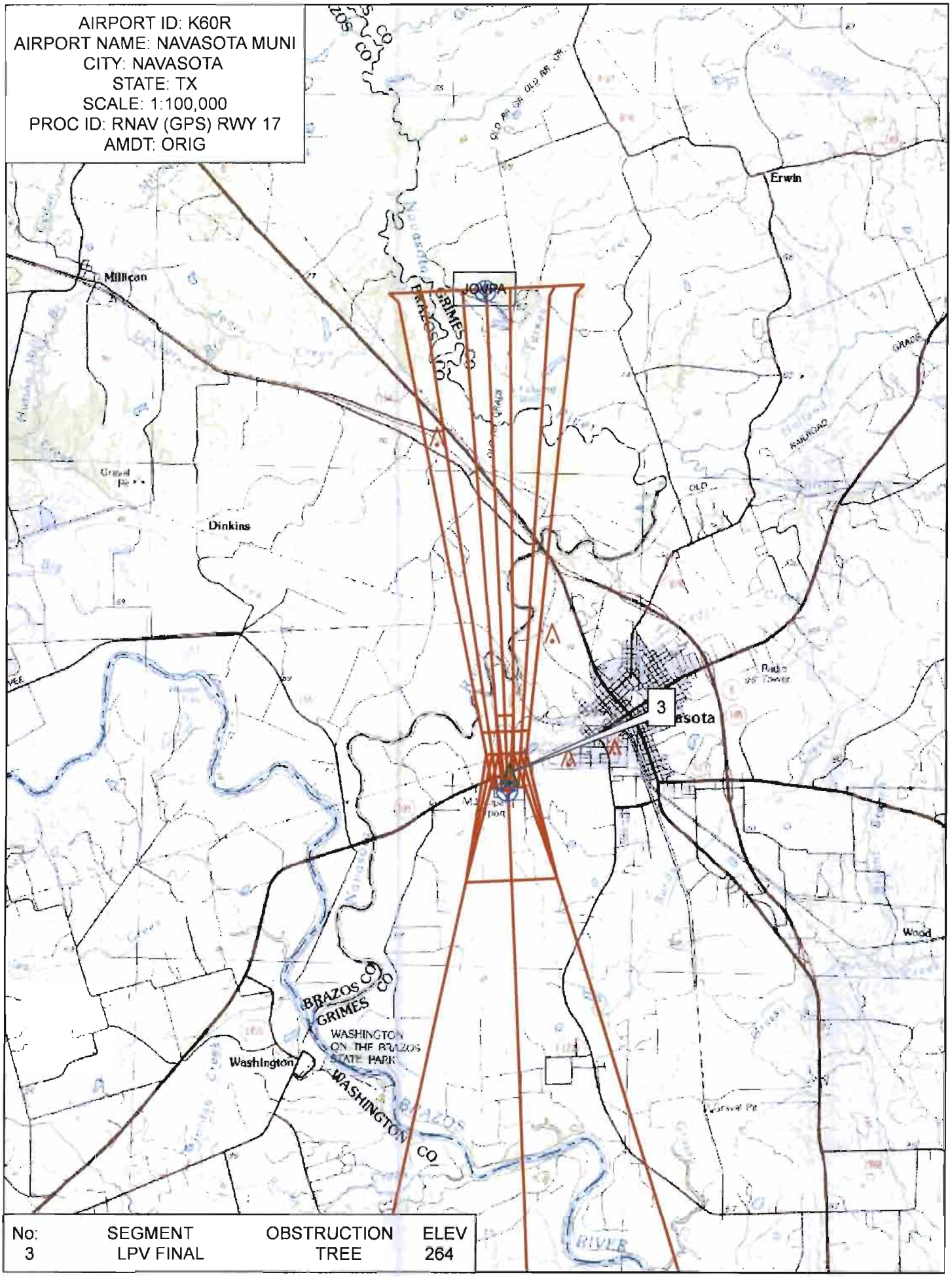
SC-5
10/01/12
COMPILER: AG
REVIEWER:
DBL CHKR:
EFF: FIG

AIRPORT ID: K60R
AIRPORT NAME: NAVASOTA MUNI
CITY: NAVASOTA
STATE: TX
SCALE: 1:500,000
PROC ID: RNAV (GPS) RWY 17
AMDT: ORIG



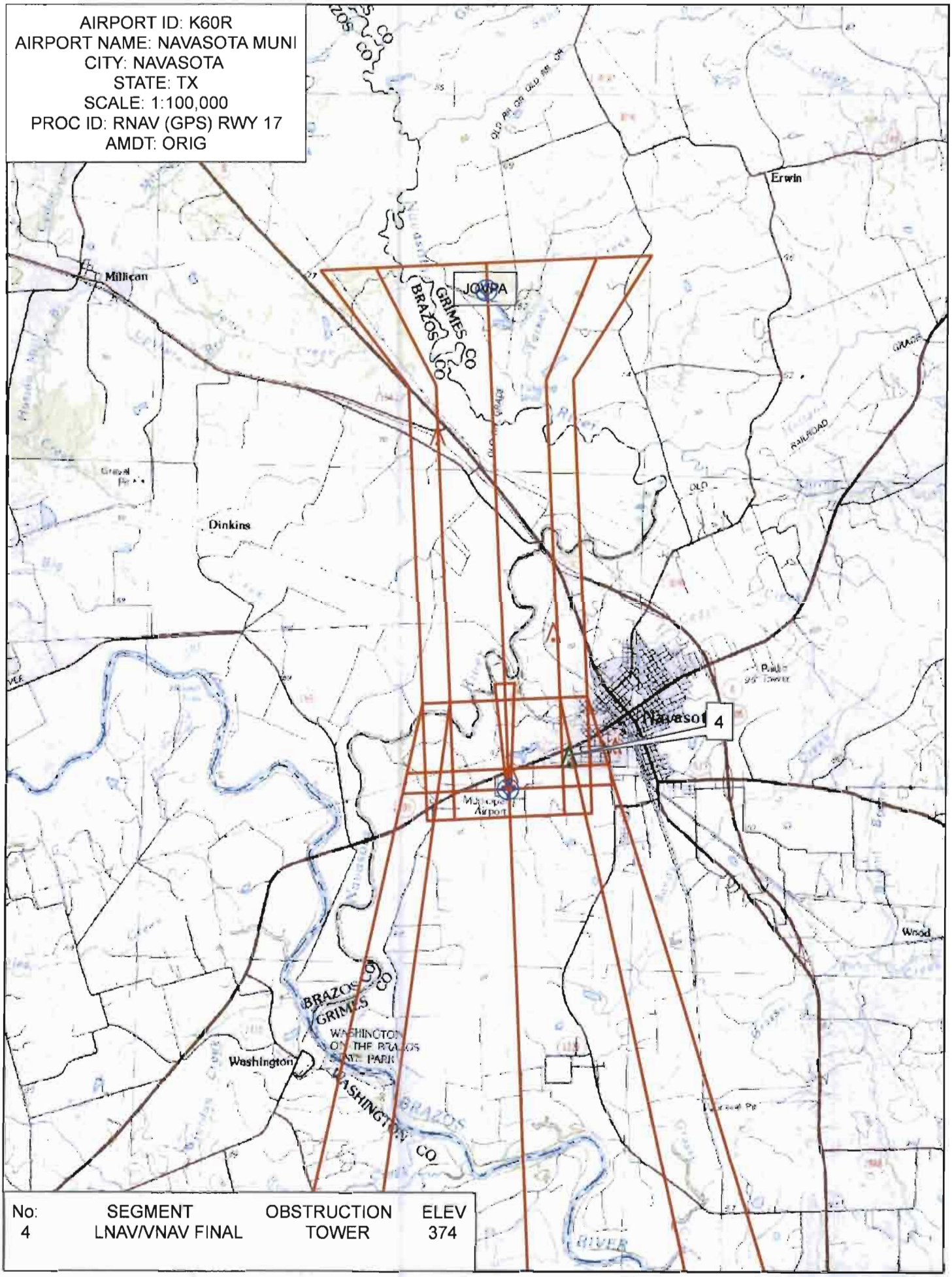
No:	SEGMENT	OBSTRUCTION	ELEV
1	INTERMEDIATE	AAO	509
5	LNAV FINAL	AAO	449
6	LNAV STEPDOWN	TREE	316
7	MISSED	AAO	499
*	HOLDING	TOWER	705

AIRPORT ID: K60R
AIRPORT NAME: NAVASOTA MUNI
CITY: NAVASOTA
STATE: TX
SCALE: 1:100,000
PROC ID: RNAV (GPS) RWY 17
AMDT: ORIG



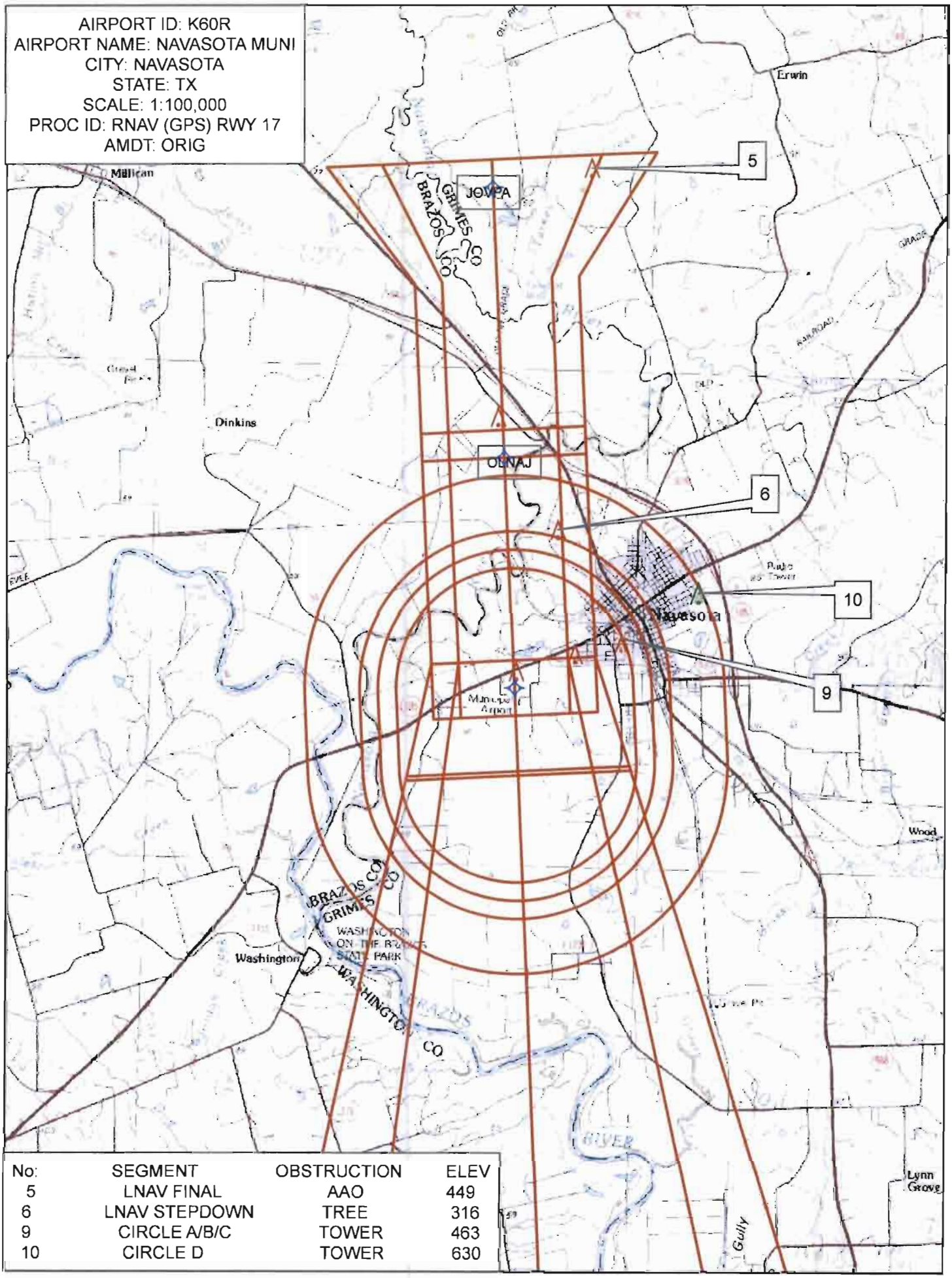
No:	SEGMENT	OBSTRUCTION	ELEV
3	LPV FINAL	TREE	264

AIRPORT ID: K60R
AIRPORT NAME: NAVASOTA MUNI
CITY: NAVASOTA
STATE: TX
SCALE: 1:100,000
PROC ID: RNAV (GPS) RWY 17
AMDT: ORIG



No:	SEGMENT	OBSTRUCTION	ELEV
4	LNAV/VNAV FINAL	TOWER	374

AIRPORT ID: K60R
AIRPORT NAME: NAVASOTA MUNI
CITY: NAVASOTA
STATE: TX
SCALE: 1:100,000
PROC ID: RNAV (GPS) RWY 17
AMDT: ORIG



No:	SEGMENT	OBSTRUCTION	ELEV
5	LNAV FINAL	AAO	449
6	LNAV STEPDOWN	TREE	316
9	CIRCLE A/B/C	TOWER	463
10	CIRCLE D	TOWER	630

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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	AMDT: NONE
				DATED

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[ ]	[ ]	[X]	[X]	[X] **ZHU ARTCC, HOU APP CON, CLL ATCT, AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **JILL OLSON (NICHOLAS K. JACKSON)**	FIFO **AJV-353**	DATE: **08/25/2012**
APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

REASONS:

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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:
NAVASOTA, TX	AIRPORT NAME: **NAVASOTA MUNI**	**RNAV**	**RNAV (GPS) RWY 17, ORIG**	AMDT: **NONE**
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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

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

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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 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+004250300N3020572030W09606433090106751224000452F400500DAC71FFD
        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
```

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

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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 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

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

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INTERMEDIATE	HOXID	JOVPA	1. AAO	303306.00N/0960506.00W	509 (4E)	500	AC98 AT893	2000
			2. TERRAIN	303306.00N/0960506.00W	309 (300)		AS1500	1800
FINAL: LPV	JOVPA	RW17	3. TREE (K60RT000037)	302237.76N/0960646.27W	264 (1A)	34:1	RA50	529/300
FINAL: LNAV/VNAV	JOVPA	RW17	4. TOWER (48-006188)	302249.00N/0960602.00W	374 (4D)	23.44:1	RA50 AC50	635/406
FINAL: LNAV	JOVPA	OLNAJ/2.50 NM TO RW17	5. AAO	302805.15N/0960549.49W	449 (2C)	250	RA50 DG311	1060
FINAL: LNAV STEPDOWN	OLNAJ/2.50 NM TO RW17	RW17	6. TREE (K60RT000048)	302409.81N/0960614.40W	316 (1A)	250	RA50	620
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW17	ZUGUK				ASC		3000
			7. AAO	301527.00N/0960727.00W	499 (4E)	1000		1500
ELEV:	292/424/470		8. TERRAIN	301527.00N/0960727.00W	299 (300)		AS1500	1800

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	591	9. TOWER (48-003935)	302259.00N/0960527.00W	463 (3C)	300	RA50	820
CATEGORY B	1.5 NM	450	591	9. TOWER (48-003935)	302259.00N/0960527.00W	463 (3C)	300	RA50	820
CATEGORY C	1.7 NM	450	591	9. TOWER (48-003935)	302259.00N/0960527.00W	463 (3C)	300	RA50	820
CATEGORY D	2.3 NM	550	751	10. TOWER (48-001469)	302328.53N/0960427.59W	630 (3C)	300	RA50	980
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW17

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (48-004538)	018/ 11.6	1982 (5D)	3000					

CITY AND STATE	ELEVATION: 229 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
NAVASOTA, TX	NAVASOTA MUNI	RNAV	RNAV (GPS) RWY 17, ORIG	ASW

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZHU ARTCC HOU APP CON CXO FSS		N W S	OTHER:	SOURCE: K11R / KCLL
				DISTANCE: 16.20 / 18.57
		F A A	AWOS	HOURS REMOTE OPERATION:
SATISFACTORY ON:	X	A / C		24 / 24
X V H F X U H F H F	LOCATION: K11R			ADJUSTMENT: 50 / 56

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 17 (PCL), 35 (PCL)
	X	REIL 17 (PCL), 35 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PSIL 17 (PCL), 35 (PCL)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT NPI-G 17, 35	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 229.0
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 45.2
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD FT. FROM THRESHOLD
	X	ON CENTERLINE FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: JILL OLSON (NICHOLAS K. JACKSON)	DATE: 08/25/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - PRIMARY ALTIMETER IS REMOTE.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DAT: 3.00/45.2

RASS PRESSURE PATTERNS SAME
K11R 317.7, KCLL 320.2, K60R 229.0
RA = 50.0. RA = 56.0
SEE ATTACHED AIRSPACE LETTER.

K11R AND KCLL ARE ON SERVICE A

LPV SURFACE: 34:1

LNAV/VNAV SURFACE: 23.44:1

HISTORICAL WEATHER DATA UNAVAILABLE, STANDARD ISA DEVIATION -30 UTILIZED

VEGETATION HEIGHT OF 30 FEET UTILIZED PER FPT CHECKLIST

TAA NOT DEVELOPED PER ATC

INTERMEDIATE AND MISSED CONTROLLING OBSTACLE AND TERRAIN THE SAME FOR ALL SEGMENTS

BARO-VNAV NOT DEVELOPED DUE TO REMOTE PRIMARY ALTIMETER SOURCE

TERPS, VOLUME 1 "VISUAL PORTION OF FINAL" PENETRATIONS:

34:1
264 TREE (K60RT000037) 302237.76N-0960646.27W (7.42)

RADIO FIX AND HOLDING DATA RECORD

NAME: HOXID **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 303252.45N/0960720.40W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N		WP	354.42	174.42	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-004538)	303316.54N/0960152.39W	1982	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 17			K60R	NAVASOTA	TX (US)
IAP	RNAV (GPS) RWY 35		1	K60R	NAVASOTA	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/07/2013

DEVELOPED BY: **DATE:** 09/11/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JOVPA **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 302752.01N/0960704.80W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 17			K60R	NAVASOTA	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/07/2013

DEVELOPED BY: **DATE:** 09/11/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OLNAJ **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 302456.62N/0960655.71W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 17			K60R	NAVASOTA	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/07/2013

DEVELOPED BY: **DATE:** 09/11/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:

QUALITY CHECKED 5

RADIO FIX AND HOLDING DATA RECORD

NAME: ZUGUK **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 300904.12N/0960606.49W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S		WP	174.44	354.44	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008276)	300543.95N/0960003.12W	705	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 17		1	K60R	NAVASOTA	TX (US)
IAP	RNAV (GPS) RWY 35			K60R	NAVASOTA	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/07/2013

DEVELOPED BY: **DATE:** 09/11/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **NAVASOTA** STATE: **TX**

AIRPORT NAME: **NAVASOTA MUNI** ID: **K60R**

PROCEDURE: **RNAV (GPS) RWY 17** AMDT: **ORIG**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **3.22**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **177.43**
4. High Terrain in **FINAL** segment containing 1000' point **288**
5. Distance from **THLD** to 1500' point **5.02**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **THLD** segment at 1500' point **1.76**
7. True Course of **THLD** segment containing 1500' point **177.43**
8. High Terrain in **THLD** segment containing 1500' point **288**
9. Threshold Coordinates (if straight-in) ... **302226.42N** / **0960647.93W**
10. ARP Coordinates ..... **302201.70N** / **0960646.60W**
11. Runway Approach End and distance furthest from ARP.....RWY **35**
    Distance **0.41** NM
12. FAF Coordinates ..... **302752.01N** / **0960704.80W**
    (Click to Select)

REMARKS: Approach/Drawing attached.

Federal Aviation Administration

CONCURRENCES
ROUTING SYMBOL AJV-34 SBaker
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-353 JOlson
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-353 LStrout
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-34 JAlfonso
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE

Memorandum

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Larry H. Strout, Manager, Central Products Team, AJV-353

Subject: **ACTION:** Magnetic Variation Change for Navasota Muni, Navasota, TX (K60R)

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility" column will be revised effective concurrent with the publication of the procedure(s) listed below.

RNAV (GPS) RWY 17, ORIG
RNAV (GPS) RWY 35, ORIG

Estimated Chart Date: 03/07/2013

Please publish these changes in the National Flight Data Digest.

TEXAS

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Is	Epoch Year
Navasota	Navasota Muni	Airport	K60R / 60R	Old 8° East New 3° East	2015

If you have any questions please notify Larry H. Strout, larry.h.strout@faa.gov (405-954-5070).

cc: AJV-3rf
sjb:x7537:09/11/2012: (U:\AVN100\PIT\MAGVAR\MAGVAR\MAGVAR Letters 2013\MV Change Request for Navasota, TX (K60R) 9-11-12 Requestor: NJackson, Evaluated By: LFortier