US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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
CWK VORTAC	LAMAS/ 29.47 DME/RADAR	188.49 / 29.47	5000
LAMAS/I-BSM 16.48 DME/RADAR (IF/IAF)	CAMDY/I-BSM 12.48 DME/RADAR	352.69 / 4.00 (I-BSM)	4400
CAMDY/I-BSM 12.48 DME/RADAR	CREED LOM/I-BSM 5.23 DME	352.69 / 7.25 (I-BSM)	2400

MISSED APPROACH

ILS: DA
LOC: 5.40 MILES AFTER CREED LOM/I-BSM 5.23 DME

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3500 ON CWK VORTAC R-222 TO GARDS INT/CWK 29.18 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2500 DIRECT CREED LOM/5.23 DME AND HOLD. (ADF REQUIRED).

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S LAMAS, RT, 008.49 INBOUND, 5000 FT. IN LIEU OF PT (IAF)
3. FAC: 352.69 FAF: CREED LOM/I-BSM 5.23 DME DIST FAF TO MAP: 5.40 THLD: 5.40
4. MIN. ALT: LAMAS 5000, CAMDY 4400, CREED LOM 2400, WINKS/I-BSM 1.63 DME/RADAR 1100*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1094
6. MIN GS INCPT: 2400 GS ALT AT: CREED LOM OM: 2288 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 54.1
8. MSA FROM: CWK VORTAC 205-300 3100, 300-205 2600

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 042.05 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S CREED LOM/I-BSM 5.23 DME, LT, 352.69 INBOUND.
CHART FAS OBST: 629 TREE 300922N/0974101W
FAS OBST: 839 AAO 300645N/0974109W
CHART VDP AT 0.81 DME*;
DISTANCE VDP TO THLD 0.98 MILES.
*LOC ONLY.
CHART CWK R-188 AT LAMAS.
CHART LOC RWY 35R.

MAG VAR: 6E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ILS: STANDARD # LOC: 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
S-ILS 35L**	688	2400	200	688	2400	200	688	2400	200	688	2400	200	688	2400	200
S-LOC 35L	1100	2400	612	1100	2400	612	1100	1 3/8	612	1100	1 3/8	612	1100	1 3/8	612
CIRCLING	1100	1	558	1100	1	558	1100	1 3/4	558	1100	2	558	1240	2 1/2	698
WINKS FIX MINIMUMS															
S-LOC 35L	860	2400	372	860	2400	372	860	3500	372	860	3500	372	860	3500	372
CIRCLING	1040	1	498	1040	1	498	1040	1 1/2	498	1100	2	558	1240	2 1/2	698

NOTES:
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35R.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

CAT E 700-2 1/2
@ CAT E 800-2 1/2

QUALITY CHECKED

CITY AND STATE	ELEVATION: 542 THRE: 488	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
AUSTIN, TX	AIRPORT NAME: AUSTIN-BERGSTROM INTL	I-BSM	ILS OR LOC RWY 35L, AMDT 5	AMDT: 4B
				DATED 07/03/2008

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	X	X	X **ZHU, AUS ATCT, AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: **ROY L. BARNETT**	FIFO **AJV-353**	DATE: **01/24/2012**

APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

1. MOVED LAMAS 2.25 NM SOUTH.
2. MOVED CAMDY 2.25 NM SOUTH.
3. ADDED WINKS STEPDOWN DME/RADAR FIX.
4. CHANGED VDP FROM 1.2 NM TO 0.98 NM.
5. CHANGED CWK R-190 TO R-188.
6. ADDED DME LINE OF MINIMA.
7. G/S INTERCEPT POINT CHANGED FROM 4400 TO 2400.
8. REVISED INOPERATIVE MALSR NOTE.
9. LOWERED CIRCLING CAT D MDA/ HAA FROM 1160/ 618 TO 1100/ 558 AND CAT E FROM 1260/ 718 TO 1240/ 698.

REASONS:

1, 2, 5, 7. FPT REQUEST.
3, 6. LOWER FROM AAO INDUCED MDA.
4. LOWER MDA.
8. NEW VISIBILITY MINIMUMS.
9. NEW OBSTACLE DATA.

QUALITY CHECKED

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NOTES, (CONT.):
CHART PROFILE NOTE: USE I-BSM DME WHEN ON THE LOC COURSE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 35L CAT E VISIBILITY TO RVR 4000, S-LOC 35L AND WINKS DME FIX S-LOC 35L CATS C/D/E VISIBILITY 3/8 MILE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 542 THRE: 488	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUSTIN, TX	AIRPORT NAME: AUSTIN-BERGSTROM INTL	I-BSM	ILS OR LOC RWY 35L, AMDT 5	AMDT: 4B
				DATED: 07/03/2008

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:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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 - ILS

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CWK   K4011280VTHW N30224278W097314745    N30224278W097314745E0060005932     NARCENTEX
        SUSAD KAUSK4 IBSM  K4011095 IT                    IBSMN30103775W097403781     004890     NARAUSTIN-BERGSTROM INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAMDY K40    C     N29580719W097402253                      E0044     NAR           CAMDY
        SUSAEAENRT   CREED K40    R     N30052296W097403397                      E0044     NAR           CREED LOM
        SUSAEAENRT   GARDS K40    C   L N30030752W097564771                      E0046     NAR           GARDS
        SUSAEAENRT   LAMAS K40    C     N29540667W097401623                      E0044     NAR           LAMAS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUSK4AAUS     0     122YHN30114030W097401160E006000542         1800018000C    MNAR    AUSTIN-BERGSTROM INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUSK4FI35L  ACWK   010CWK  K4D 0V      IF                                          18000                 0 NS
        SUSAP KAUSK4FI35L  ACWK   020LAMASK4EA0EY      TF                                  + 05000                       0 NS
        SUSAP KAUSK4FI35L  ACWK   030LAMASK4EA0E  AR   HF                        0085T010    + 05000                       0 NS
        SUSAP KAUSK4FI35L  ACWK   040CAMDYK4EA0EE      CF IBSMK4      1727014935270040PI  + 04400                       0 NS
        SUSAP KAUSK4FI35L  I      010CAMDYK4EA0E  I    IF IBSMK4      17270149         PI  J 044000240018000                0 NS
        SUSAP KAUSK4FI35L  I      020CREEDK4EA0E  F    CF IBSMK4      1727007635300073PI  H 0240002288        -300CWK   K4D 0 NS
        SUSAP KAUSK4FI35L  I      030RW35LK4PG0GY M    CF IBSMK4      1727002235300054PI    00542             -300          0 NS
        SUSAP KAUSK4FI35L  I      040          0  M     CA                        3527    + 01000                       0 NS
        SUSAP KAUSK4FI35L  I      050GARDSK4EA0EY  L   CFYCWK K4      2221029222210170D   + 03500                       0 NS
        SUSAP KAUSK4FI35L  I      060GARDSK4EA0EE  R   HM                        0421T010    + 03500                       0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUSK4GRW35L   0122483527 N30104781W097404251+0400    +0122500488000054150IIBSM1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUSK4IIBSM1   011095RW35LN30130076W0974046033527N30105854W0974047351188 10940300300E00605400484

                 1         2         3         4         5         6         7         8         9         0         1         2         3
```

CITY AND STATE	ELEVATION: 542 THRE: 488	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AUSTIN, TX	AIRPORT NAME: **AUSTIN-BERGSTROM INTL**	**I-BSM**	**ILS OR LOC RWY 35L, AMDT 5**	AMDT: **4B**
				DATED: **03/08/2012**

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:

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.

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MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUSK4SCWK  K4D                0   0251200312512002502625                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 542 THRE: 488	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AUSTIN, TX	AIRPORT NAME: AUSTIN-BERGSTROM INTL	I-BSM	ILS OR LOC RWY 35L, AMDT 5	AMDT: 4B
				DATED: 03/08/2012

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:

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CWK	CWK	010		IF		FB					
	CWK	LAMAS	020		TF		FO				AA 05000	
	CWK	LAMAS	030	IAF	HF	R	FO		008.5()	T01.0	AA 05000	
	CWK	CAMDY	040		CF		FB		352.7()	004.0	AA 04400	
		CAMDY	010	FACF	IF		FB				AA 04400 GI 02400	
		CREED	020	FAF	CF		FB		353.0()	007.3	GI 02400 GS 02288	
		RW35L	030	MAP	CF		FO		353.0()	005.4	AT 00542	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		352.7()		AA 01000	
	GARDS	050		CF	L	FO		222.1()	017.0	AA 03500	
	GARDS	060		HM	R	FO		042.1()	T01.0	AA 03500	

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
CWK	N302242.78	W0973147.45	N3022.713	W09731.791
IBSM (DME)	N301037.75	W0974037.81	N3010.629	W09740.630
CAMDY	N295807.19	W0974022.53	N2958.120	W09740.376
CREED	N300522.96	W0974033.97	N3005.383	W09740.566
GARDS	N300307.52	W0975647.71	N3003.125	W09756.795
LAMAS	N295406.67	W0974016.23	N2954.111	W09740.271
RW35L	N301047.81	W0974042.51	N3010.797	W09740.709
IBSM (LOC)	N301300.76	W0974046.03	N3013.013	W09740.767

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW35L	00488	54

QUALITY CHECKED

CITY AND STATE	ELEVATION: 542 THRE: 488	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AUSTIN, TX	AIRPORT NAME: AUSTIN-BERGSTROM INTL	I-BSM	ILS OR LOC RWY 35L, AMDT 5	AMDT: 4B
				DATED: 03/08/2012

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

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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 - LOC

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CWK   K4011280VTHW N30224278W097314745    N30224278W097314745E0060005932     NARCENTEX
        SUSAD KAUSK4 IBSM  K4011095 IT                    IBSMN30103775W097403781     004890     NARAUSTIN-BERGSTROM INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAMDY K40    C     N29580719W097402253                      E0044     NAR          CAMDY
        SUSAEAENRT   CREED K40    R     N30052296W097403397                      E0044     NAR          CREED LOM
        SUSAEAENRT   GARDS K40    C   L N30030752W097564771                      E0046     NAR          GARDS
        SUSAEAENRT   LAMAS K40    C     N29540667W097401623                      E0044     NAR          LAMAS
        SUSAEAENRT   WINKS K40    C     N30085958W097403966                      E0044     NAR          WINKS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUSK4AAUS     0     122YHN30114030W097401160E006000542         1800018000C    MNAR    AUSTIN-BERGSTROM INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUSK4FL35L  ACWK   010CWK  K4D 0V       IF                                          18000                 0 NS
        SUSAP KAUSK4FL35L  ACWK   020LAMASK4EA0EY      TF                                  + 05000                       0 NS
        SUSAP KAUSK4FL35L  ACWK   030LAMASK4EA0E  AR   HF                     0085T010     + 05000                       0 NS
        SUSAP KAUSK4FL35L  ACWK   040CAMDYK4EA0EE      CF IBSMK4      1727014935270040PI  + 04400                       0 NS
        SUSAP KAUSK4FL35L  L      010CAMDYK4EA0E  I    IF IBSMK4      17270149        PI  + 04400     18000                 0 NS
        SUSAP KAUSK4FL35L  L      020CREEDK4EA0E  F    CF IBSMK4      1727007635300073PI  + 02400                CWK   K4D 0 NS
        SUSAP KAUSK4FL35L  L      021WINKSK4EA0E S     CF IBSMK4      1727004035300036PI  + 01100            -325          0 NS
        SUSAP KAUSK4FL35L  L      030RW35LK4PG0GY M    CF IBSMK4      1727002235300018PI    00542            -325          0 NS
        SUSAP KAUSK4FL35L  L      040         0  M     CA                     3527        + 01000                       0 NS
        SUSAP KAUSK4FL35L  L      050GARDSK4EA0EY  L   CFYCWK K4      2221029222210170D   + 03500                       0 NS
        SUSAP KAUSK4FL35L  L      060GARDSK4EA0EE  R   HM                     0421T010     + 03500                       0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUSK4GRW35L   0122483527 N30104781W097404251+0400    +0122500488000054150IIBSM1

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUSK4IIBSM1   011095RW35LN30130076W0974046033527N30105854W0974047351188 10940300300E00605400484
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 542 THRE: 488	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AUSTIN, TX	AIRPORT NAME: **AUSTIN-BERGSTROM INTL**	**I-BSM**	**ILS OR LOC RWY 35L, AMDT 5**	AMDT: **4B**
				DATED: **03/08/2012**

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:

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUSK4SCWK  K4D                0   0251200312512002502625                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 542 THRE: 488	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AUSTIN, TX	AIRPORT NAME: AUSTIN-BERGSTROM INTL	I-BSM	ILS OR LOC RWY 35L, AMDT 5	AMDT: 4B
				DATED: 03/08/2012

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:

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 - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CWK	CWK	010		IF		FB					
	CWK	LAMAS	020		TF		FO				AA 05000	
	CWK	LAMAS	030	IAF	HF	R	FO		008.5()	T01.0	AA 05000	
	CWK	CAMDY	040		CF		FB		352.7()	004.0	AA 04400	
		CAMDY	010	FACF	IF		FB				AA 04400	
		CREED	020	FAF	CF		FB		353.0()	007.3	AA 02400	
		WINKS	021	SDF	CF		FB		353.0()	003.6	AA 01100	
		RW35L	030	MAP	CF		FO		353.0()	001.8	AT 00542	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		352.7()		AA 01000	
	GARDS	050		CF	L	FO		222.1()	017.0	AA 03500	
	GARDS	060		HM	R	FO		042.1()	T01.0	AA 03500	

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
CWK	N302242.78	W0973147.45	N3022.713	W09731.791
IBSM (DME)	N301037.75	W0974037.81	N3010.629	W09740.630
CAMDY	N295807.19	W0974022.53	N2958.120	W09740.376
CREED	N300522.96	W0974033.97	N3005.383	W09740.566
GARDS	N300307.52	W0975647.71	N3003.125	W09756.795
LAMAS	N295406.67	W0974016.23	N2954.111	W09740.271
WINKS	N300859.58	W0974039.66	N3008.993	W09740.661
RW35L	N301047.81	W0974042.51	N3010.797	W09740.709
IBSM (LOC)	N301300.76	W0974046.03	N3013.013	W09740.767

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW35L	00488	54

QUALITY CHECKED

CITY AND STATE	ELEVATION: 542 THRE: 488	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AUSTIN, TX	AIRPORT NAME: AUSTIN-BERGSTROM INTL	I-BSM	ILS OR LOC RWY 35L, AMDT 5	AMDT: 4B
				DATED: 03/08/2012

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.
FEEDER	CWK VORTAC	LAMAS/ 29.47	1. TOWER (48-012369)	301837.66N/0973651.18W	1049 (2C)	1000	AT2951	5000
		DME/RADAR	2. TERRAIN	300645.00N/0974109.00W	679 (700)		AS1500	2200
INTERMEDIATE	LAMAS/I-BSM	CAMDY/I-BSM	3. TOWER (48-002580)	295405.60N/0974106.33W	979 (1A)	500	DG2921	4400
	16.48 DME/RADAR	12.48 DME/RADAR	4. TERRAIN	295800.00N/0974048.00W	614 (600)		AS1500	2100
	(IF/IAF)							
INTERMEDIATE:	CAMDY/I-BSM	CREED LOM/I-BSM	5. TOWER (48-011513)	300200.00N/0974051.00W	895 (2C)	500	DG1005	2400
LOC STEPDOWN	12.48 DME/RADAR	5.23 DME	6. TERRAIN	300409.00N/0974045.00W	657 (700)		AS1500	2200
FINAL: ILS	CAMDY/ 10.23	RW35L				ASC		688/200
	DME/RADAR							
FINAL: LOC	CREED LOM/I-BSM	WINKS/I-BSM 1.63	7. AAO	300645.00N/0974109.00W	839 (2C)	250		1100
	5.23 DME	DME/RADAR						
FINAL: LOC STEPDOWN	WINKS/I-BSM 1.63	5.40 MILES AFTER	8. TREE	300921.64N/0974100.96W	629 (2C)	250	SA-29	860
	DME/RADAR	CREED LOM/I-BSM						
		5.23 DME						
2. HOLD-IN-LIEU-OF-PT	LAMAS	P-8	3. TOWER (48-002580)	295405.60N/0974106.33W	979 (1A)	1000	AT3021	5000
			9. TERRAIN	295130.00N/0974621.00W	663 (700)		AS1500	2200
3. MISSED APPROACH — MAP:	DA / 5.40 MILES	GARDS/CWK 29.18				ASC		3500
	AFTER CREED	DME	10. TOWER (48-005076)	300243.00N/0975251.00W	2049 (5D)	1000		3100
ELEV:	520/610		11. TERRAIN	301124.00N/0975721.00W	1165 (1200)		AS1500	2700

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	558 / 498	14. TWR (48-014551)	301145.81N/0973956.35W	727 (1A)	300	SI	1100 / 1040
CATEGORY B	1.5 NM	450	558 / 498	14. TWR (48-014551)	301145.81N/0973956.35W	727 (1A)	300	SI	1100 / 1040
CATEGORY C	1.7 NM	450	558 / 498	14. TWR (48-014551)	301145.81N/0973956.35W	727 (1A)	300	SI	1100 / 1040
CATEGORY D	2.3 NM	550	558 / 558	15. TOWER (48-003560)	301235.59N/0974245.52W	799 (1A)	300		1100 / 1100
CATEGORY E	4.5 NM	550	698 / 698	16. AAO	300728.03N/0974402.64W	939 (2C)	300		1240 / 1240

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: CWK VORTAC

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
205-300	TWR (48-004143)	250/ 14.6	2049 (3C)	3100					
300-205	TWR (48-008828)	156/ 26.9	1520 (5D)	2600					

CITY AND STATE	ELEVATION: 542 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
AUSTIN, TX	AUSTIN-BERGSTROM INTL	I-BSM	ILS OR LOC RWY 35L, AMDT 5	ASW

QUALITY CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
AUSTIN APP CON AUSTIN TOWER		N W S	OTHER: ASOS	SOURCE: KAUS
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
SATISFACTORY ON:				
X V H F X U H F H F	LOCATION: KAUS			ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	I-BSM
	MONITOR POINT:	ATCT
	HRS OPTN: CAT 1	24
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 17L
		(S) SALS
	X	MALS 17R MALSR 35R, 35L
	X	HIRL 35R, 35L, 17R, 17L
		MIRL
		REIL
	X	TDZ 35R, 17L
	X	C/L 35R, 17L
	X	OTHER (SPECIFY) PAPI-4L 35R, 35L, 17R, 17L
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 35R, 35L, 17R, 17L
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	35R, 35L, 17R, 17L
	MIDFIELD	35R, 17L
	ROLL OUT	35R, 35L, 17R, 17L
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 487.6
	DISTANCE FROM RWY: 1094	ELEV GP ANTENNA: 484.4
		THRESHOLD CROSSING HEIGHT: 54.1
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD — FT. FROM THRESHOLD
	X	ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: ROY L. BARNETT	DATE: 01/24/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ASOS IS ON SERVICE A.
VGSI DATA: 3.00/60.1 TCH.
SIMULTANEOUS OPS WITH RWY 35R.

NO ADDITIONAL AIRSPACE REQUIRED.

BACKUP ALTIMETER SOURCE NOT ESTABLISHED DUE TO FULL-TIME AVAILABILITY OF ASOS, NWS AND ATC ON AIRPORT.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 2500
12. TOWER (48-008405) 301325.00N/0974940.00W 1448 (3C) 1000 2500
13. TERRAIN 301212.00N/0974924.00W 827 (800) AS1500 2300

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CAMDY **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 295807.19N/0974022.53W **TYPE:** WP, RADAR, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	AUSTIN	I-BSM	LOC/DME		172.69	178.69	12.48	14.86		2400	5000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
DME COORDINATES: 301037.75N-0974037.81W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L	1		KAUS	AUSTIN	TX (US)
IAP	RNAV (GPS) RWY 35L			KAUS	AUSTIN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FAC 2 REMOVED.
FIX MOVED 2.25 NM S.
RETAIN FIX NAME PER ATC REQUEST.
ADDED DISTANCE FROM FAC IN NM.

DEVELOPED BY: **DATE:** 01/14/2012 **OFFICE:** AJV-353 **NAME:** ROY BARNETT

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: AUS/AUS
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CREED LOM **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 300522.96N/0974033.97W **TYPE:** RADAR, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CREED	BS	LOM								17500
2	AUSTIN	I-BSM	LOC/DME		172.69	178.69	5.23	7.61	46262	2500	5000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

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	BS	LOM	172.69	352.69	L	1		2500	5000	7	8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-005184)	300320.00N/0974502.00W	1075	4D

REASON FOR NONSTANDARD HOLDING:
PAT 1 SIMULTANEOUS APPROACHES WITH 35R

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE CREED LOM.
ACTUAL FACILITY LOCATION IS 300522.97N/0974033.70W.
DME COORDINATES: 301037.75N-0974037.81W
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 17R	1	1	KAUS	AUSTIN	TX (US)
IAP	ILS OR LOC RWY 35L	1, 2	1	KAUS	AUSTIN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATED FIX COORDINATES, TO PLACE ON CENTERLINE ABEAM NAVAID.
DELETED FAC 3 DATA.
CHANGED HOLDING MIN ALT FROM 2400 TO 2500 AND MIN/MAX TEMPLATE SIZES FROM 8/9 TO 7/8.
DELETED 310 HOLDING PATTERN, C-I-H NOT NEEDED.
CHANGED HOLDING AIRSPEED FROM 265 TO 230.
ADDED PRECIPITOUS TERRAIN STATEMENT.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/19/2012 **OFFICE:** AJV-353 **NAME:** JON DENTON

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZHU
ATC FACILITY: AUS ATCT, AUS APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GARDS **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 300307.52N/0975647.71W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CENTEX	CWK	VORTAC	H	222.05	228.05	29.18	29.18		3500	17500
2	STONEWALL	STV	VORTAC	H	095.00	103.00		40.57		3500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
STV	VORTAC	R-095	41	3500	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

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	SW	CWK	VORTAC	222.05	042.05	R	1-1 1/2		3500	17500	8	18
2	SW		WP	222.05	042.05	R		6	3500	8000	7	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-005076)	300243.00N/0975251.00W	2049	5D
2	230	TOWER (48-005076)	300243.00N/0975251.00W	2049	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
CENTEX (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	AUSTIN	1, 2		KAUS	AUSTIN	TX (US)
EN ROUTE	V17	1				(US)
IAP	ILS OR LOC RWY 17R	1, 2	1	KAUS	AUSTIN	TX (US)
IAP	ILS OR LOC RWY 35L	1, 2	1	KAUS	AUSTIN	TX (US)
IAP	RNAV (GPS) RWY 17R		2	KAUS	AUSTIN	TX (US)
IAP	RNAV (GPS) RWY 35L		2	KAUS	AUSTIN	TX (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
CHANGED PATTERN 1 MAX TEMPLATE SIZE FROM 22 TO 18.
CHANGED PATTERN 2 MIN HOLDING ALT FROM 3100 TO 3500.
CHANGED PATTERN 2 AIRSPEED FROM 265 TO 230, PER FPT.
CHANGED PATTERN 2 DME LEG LENGTH FROM 7 TO 6 PER TABLE 8.
CHANGED PATTERN 2 MIN AND MAX TEMPLATE SIZES FROM 9/11 TO 7/9.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/12/2012 **OFFICE:** AJV-353 **NAME:** JON DENTON

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZHU
ATC FACILITY: AUS APP CON, AUS ATCT
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LAMAS **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 295406.67N/0974016.23W **TYPE:** WP, RADAR, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	AUSTIN	I-BSM	LOC/DME		172.69	178.69	16.48	18.86		2400	5000
2	CENTEX	CWK	VORTAC	H	188.49	194.49	29.47	29.47		5000	5000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

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	CWK	VORTAC	188.49	008.49	R	1		5000	5000	8	8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-002580)	295405.60N/0974106.33W	979	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
DME COORDINATES: 301037.75N-0974037.81W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L	1, 2	1	KAUS	AUSTIN	TX (US)
IAP	RNAV (GPS) RWY 35L			KAUS	AUSTIN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
REMOVED FAC 3.
FIX MOVED 2.25 NM S.
RETAIN FIX NAME PER ATC REQUEST.
ADDED DISTANCE FROM FACILITY IN NM.
HOLDING COURSE INBOUND CHANGED FROM 009.76 TO 008.49
HOLDING AIRSPEED CHANGED FROM 265 TO 230.
MIN/MAX HOLDING TEMPLATES CHANGED FROM 10 TO 8.

DEVELOPED BY: **DATE:** 01/14/2012 **OFFICE:** AJV-353 **NAME:** ROY BARNETT

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZHU
ATC FACILITY: AUS/AUS
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WINKS **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 300859.58N/0974039.66W **TYPE:** WP, RADAR, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	AUSTIN	I-BSM	LOC/DME		352.69	358.69	1.63	4.01		1000	5000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L	1		KAUS	AUSTIN	TX (US)
IAP	RNAV (GPS) RWY 35L			KAUS	AUSTIN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FIX MOVED 1215.66 FEET NORTH.
REMOVED FAC 1 WP INFORMATION.
ADDED ILS FACILITY INFORMATION.
ADDED DME AND RADAR TO TYPE.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/14/2012 **OFFICE:** AJV-353 **NAME:** ROY BARNETT

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

SIGNATURE:

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

QUALITY 9 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CENTEX VORTAC **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 302242.78N/0973147.45W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	CENTEX	CWK	VORTAC	H							45000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (48-007793)	302731.00N/0974206.00W	1239	5D

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3100.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	INDUSTRY			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	JOE POOL			KGKY	ARLINGTON	TX (US)
DP	CHERE			K3R9	AUSTIN	TX (US)
DP	AUSTIN			KAUS	AUSTIN	TX (US)
DP	CENTEX			KAUS	AUSTIN	TX (US)
DP	CHERE			KAUS	AUSTIN	TX (US)
DP	PALMS			KAUS	AUSTIN	TX (US)
DP	CHERE			KEDC	AUSTIN	TX (US)
DP	JOE POOL			KADS	DALLAS	TX (US)
DP	JOE POOL			KDAL	DALLAS	TX (US)
DP	VENUS			KDAL	DALLAS	TX (US)
DP	JOE POOL			KRBD	DALLAS	TX (US)
DP	JOE POOL			KTKI	DALLAS	TX (US)
DP	JOE POOL			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL			KDTO	DENTON	TX (US)
DP	CONRA			KHLR	FORT HOOD (KILLEEN)	TX (US)
DP	CONRA			KGRK	FORT HOOD/KILLEEN	TX (US)
DP	JOE POOL			KAFW	FORT WORTH	TX (US)
DP	JOE POOL			KFTW	FORT WORTH	TX (US)
DP	JOE POOL			KFWS	FORT WORTH	TX (US)
DP	JOE POOL			KNFW	FORT WORTH	TX (US)
DP	INDUSTRY			KGLS	GALVESTON	TX (US)
DP	CHERE			KGTU	GEORGETOWN	TX (US)
DP	JOE POOL			KGPM	GRAND PRAIRIE	TX (US)
DP	INDUSTRY			KAXH	HOUSTON	TX (US)
DP	INDUSTRY			KCXO	HOUSTON	TX (US)
DP	INDUSTRY			KDWH	HOUSTON	TX (US)
DP	INDUSTRY			KEFD	HOUSTON	TX (US)
DP	INDUSTRY			KEYQ	HOUSTON	TX (US)
DP	INDUSTRY			KHOU	HOUSTON	TX (US)
DP	INDUSTRY			KIAH	HOUSTON	TX (US)
DP	INDUSTRY			KIWS	HOUSTON	TX (US)
DP	INDUSTRY			KSGR	HOUSTON	TX (US)
DP	INDUSTRY			KTME	HOUSTON	TX (US)
DP	CONRA			KILE	KILLEEN	TX (US)
DP	INDUSTRY			KT41	LA PORTE	TX (US)
DP	CHERE			KRYW	LAGO VISTA	TX (US)
DP	JOE POOL			KLNC	LANCASTER	TX (US)
DP	JOE POOL			KHQZ	MESQUITE	TX (US)
DP	ALAMO			KSAT	SAN ANTONIO	TX (US)
DP	ALAMO			KSSF	SAN ANTONIO	TX (US)
DP	CHERE			KHYI	SAN MARCOS	TX (US)
EN ROUTE	J21-25					(US)
EN ROUTE	V17					(US)
EN ROUTE	V306					(US)
EN ROUTE	V550					(US)
EN ROUTE	V558					(US)
EN ROUTE	V565					(US)
EN ROUTE	V583					(US)
EN ROUTE	V76					(US)
EN ROUTE	V76-558-574					(US)
IAP	RNAV (GPS) RWY 16			K3R9	AUSTIN	TX (US)
IAP	VOR/DME-A			K3R9	AUSTIN	TX (US)
IAP	ILS OR LOC RWY 17L			KAUS	AUSTIN	TX (US)
IAP	ILS OR LOC RWY 17R			KAUS	AUSTIN	TX (US)
IAP	ILS OR LOC RWY 35L			KAUS	AUSTIN	TX (US)
IAP	ILS OR LOC RWY 35R			KAUS	AUSTIN	TX (US)

QUALITY CHECKED

INFO ONLY

IAP	ILS RWY 17L (CAT II/III)	KAUS	AUSTIN	TX (US)
IAP	ILS OR LOC RWY 15	KGRK	FORT HOOD/KILLEEN	TX (US)
IAP	ILS OR LOC RWY 33	KGRK	FORT HOOD/KILLEEN	TX (US)
IAP	NDB RWY 18	KGTU	GEORGETOWN	TX (US)
IAP	RNAV (GPS) RWY 11	KGTU	GEORGETOWN	TX (US)
IAP	RNAV (GPS) RWY 29	KGTU	GEORGETOWN	TX (US)
IAP	RNAV (GPS) RWY 36	KGTU	GEORGETOWN	TX (US)
IAP	GPS RWY 15	KRYW	LAGO VISTA	TX (US)
IAP	RNAV (GPS) RWY 18	K50R	LOCKHART	TX (US)
IAP	ILS OR LOC RWY 13	KHYI	SAN MARCOS	TX (US)
IAP	NDB RWY 13	KHYI	SAN MARCOS	TX (US)
IAP	RNAV (GPS) RWY 13	KHYI	SAN MARCOS	TX (US)
IAP	VOR/DME RWY 17	KT74	TAYLOR	TX (US)
IAP	VOR RWY 33	KTPL	TEMPLE	TX (US)
STAR	BLUBELL	KT00	ANAHUAC	TX (US)
STAR	BLUBELL	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	TEXNN	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	DODGE	KGKY	ARLINGTON	TX (US)
STAR	KNEAD	KGKY	ARLINGTON	TX (US)
STAR	BLEWE	K3R9	AUSTIN	TX (US)
STAR	KALLA	K3R9	AUSTIN	TX (US)
STAR	BLEWE	KAUS	AUSTIN	TX (US)
STAR	KALLA	KAUS	AUSTIN	TX (US)
STAR	BLUBELL	K54T	BAYTOWN	TX (US)
STAR	KNEAD	KCPT	CLEBURNE	TX (US)
STAR	DUMPY	KADS	DALLAS	TX (US)
STAR	GLEN ROSE	KADS	DALLAS	TX (US)
STAR	KNEAD	KADS	DALLAS	TX (US)
STAR	DUMPY	KDAL	DALLAS	TX (US)
STAR	GLEN ROSE	KDAL	DALLAS	TX (US)
STAR	KNEAD	KDAL	DALLAS	TX (US)
STAR	DODGE	KRBD	DALLAS	TX (US)
STAR	KNEAD	KRBD	DALLAS	TX (US)
STAR	DUMPY	KTKI	DALLAS	TX (US)
STAR	GLEN ROSE	KTKI	DALLAS	TX (US)
STAR	KNEAD	KTKI	DALLAS	TX (US)
STAR	CEDAR CREEK	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	DUMPY	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	GLEN ROSE	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	JUMBO	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	DODGE	KDTO	DENTON	TX (US)
STAR	SLUGG	KDTO	DENTON	TX (US)
STAR	DODJE	KAFW	FORT WORTH	TX (US)
STAR	SLUGG	KAFW	FORT WORTH	TX (US)
STAR	DODGE	KFTW	FORT WORTH	TX (US)
STAR	SLUGG	KFTW	FORT WORTH	TX (US)
STAR	DODGE	KFWS	FORT WORTH	TX (US)
STAR	KNEAD	KFWS	FORT WORTH	TX (US)
STAR	DODGE	KNFW	FORT WORTH	TX (US)
STAR	SLUGG	KNFW	FORT WORTH	TX (US)
STAR	BLUBELL	KGLS	GALVESTON	TX (US)
STAR	TEXNN	KGLS	GALVESTON	TX (US)
STAR	KALLA	KGTU	GEORGETOWN	TX (US)
STAR	DODGE	KGPM	GRAND PRAIRIE	TX (US)
STAR	KNEAD	KGPM	GRAND PRAIRIE	TX (US)
STAR	BLUBELL	KAXH	HOUSTON	TX (US)
STAR	RIICE	KCXO	HOUSTON	TX (US)
STAR	RIICE	KDWH	HOUSTON	TX (US)
STAR	BLUBELL	KEFD	HOUSTON	TX (US)
STAR	TEXNN	KEFD	HOUSTON	TX (US)
STAR	BLUBELL	KEYQ	HOUSTON	TX (US)
STAR	BLUBELL	KHOU	HOUSTON	TX (US)
STAR	RIICE	KHOU	HOUSTON	TX (US)
STAR	TEXNN	KHOU	HOUSTON	TX (US)
STAR	RIICE	KIAH	HOUSTON	TX (US)
STAR	BLUBELL	KIWS	HOUSTON	TX (US)
STAR	BLUBELL	KLVJ	HOUSTON	TX (US)
STAR	BLUBELL	KSGR	HOUSTON	TX (US)
STAR	BLUBELL	KT41	LA PORTE	TX (US)
STAR	DODGE	KLNC	LANCASTER	TX (US)
STAR	KNEAD	KLNC	LANCASTER	TX (US)
STAR	DUMPY	KHQZ	MESQUITE	TX (US)
STAR	KNEAD	KHQZ	MESQUITE	TX (US)
STAR	MARCS	KSAT	SAN ANTONIO	TX (US)
STAR	MARCS	KSKF	SAN ANTONIO	TX (US)
STAR	MARCS	KSSF	SAN ANTONIO	TX (US)
STAR	BLEWE	KHYI	SAN MARCOS	TX (US)
STAR	MARCS	KRND	UNIVERSAL CITY	TX (US)

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 09/23/2010

QUALITY CHECKED

CENTAX VORTAC

REASON FOR REVISION:
UPDATED HOLDING RESTRICTION ALTITUDE 2500 TO 3100.
UPDATED FIX USE.

DEVELOPED BY:	**DATE:** 06/07/2010	**OFFICE:** AVN-120	**NAME:** PABLO ORTIZ
APPROVED BY:	**DATE:** 09/20/2010	**OFFICE:** AVN-120	**NAME:** SUE CRUMB
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY:
OTHER:

QUALITY CHECKED