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
HUB VOR/DME (IAF)	OBVIE INT (NOPT)	203.96 / 20.12	1700
OBVIE INT (IF)	FREEP LOM	174.93 / 10.00	1600

MISSED APPROACH

ILS: DA
LOC: 4.55 MILES AFTER FREEP LOM

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2000 DIRECT FREEP LOM AND HOLD (ADF REQUIRED), OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 360 FOR RADAR VECTORS (RADAR REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 174.93 INBOUND.
FAS OBST: 234 AAO 291150N/0952816W

1. PT L SIDE OF COURSE 354.93 OUTBOUND 2100 FT WITHIN 10 MILES OF FREEP LOM (IAF)
2.
3. FAC: 174.93 FAF: FREEP LOM DIST FAF TO MAP: 4.55 THLD: 4.55
4. MIN. ALT: FREEP LOM 1600
5. DIST TO THLD FROM OM: 4.55 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 989
6. MIN GS INCPT: 1600 GS ALT AT: - OM: 1546 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 51.7
8. MSA FROM: LB LOM 3100

MAG VAR: 5E 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 17	225	1/2	200	225	1/2	200	225	1/2	200	225	1/2	200			
S-LOC 17	500	1/2	475	500	1/2	475	500	1	475	500	1	475			
CIRCLING	500	1	475	500	1	475	500	1 1/2	475	580	2	555			

NOTES:
CHART NOTE: CIRCLING NA E OF RWY 17-35.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLIAM P HOBBY ALTIMETER SETTING AND INCREASE ALL DA 81 FEET AND ALL MDA 100 FEET, INCREASE S-LOC 17 CATS C/D VISIBILITY TO 1 1/4, INCREASE CIRCLING CAT C TO 1 5/8.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 25 THRE: 25 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ANGLETON/LAKE JACKSON, TX	TEXAS GULF COAST RGNL	I-LBX	ILS OR LOC RWY 17, AMDT 5	AMDT: 4
				DATED 05/11/2006

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] ZHU, IAH APP CONTROL, AMGR, ST AV DIR.

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: JILL OLSON (KISSY MAXFIELD)	FIFO AJV-353	DATE: 02/22/2012
APPROVED BY		
NAME: LARRY H STROUT MANAGER	FIFO AJV-353	DATE:

CHANGES:

1. REMOVED FEEDER FROM VUH VORTAC.
2. S-LOC 17 MDA/HAA CHANGED FROM 420/395 TO 500/475.
3. S-LOC 17 CAT C/D VISIBILITY CHANGED FORM 1/2 AND 3/4 TO 1.
4. CHANGED CIRCLING MDA/HAA CATS A-C FROM 480/455 TO 500/475.
5. ADDED ALTERNATE MISSED.
6. UPDATED BACKUP ALTIMETER NOTE.
7. CHANGED ALTERNATE MINIMUMS FROM NA TO STANDARD.
8. ADDED ADF REQUIRED NOTE.
9. ADDED PROCEDURE NA FOR ARRIVAL ON HUB VOR/DME ON V20 NORTHEAST BOUND.
10. ADDED INOP NOTE.

REASONS:

1, 5. PER FPT REQUEST, VORTAC RESTRICTIONS.
2, 3. NEW CONTROLLING OBS.
4. TO MATCH THE S-LOC MDA.
6. NEW MDA VISIBILITY.
7. IAW 8260.19D PARA 853 B.
8. REMOVED CROSSING RADIAL FOR FAF.
9. TURN EXCEEDS 120 DEGREES.
10. INOPERATIVE TABLE DOES NOT PROVIDE A SUFFICIENT INCREASE TO MINIMUMS.

QUALITY 2 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):
CHART NOTE: ADF REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HUB VOR/DME ON V20 NORTHEAST BOUND.
CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING WILLIAM P HOBBY ALTIMETER SETTING, INCREASE S-ILS 17 VISIBILITY TO 7/8 ALL CATS.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 25 THRE: 25	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANGLETON/LAKE JACKSON, TX	AIRPORT NAME: TEXAS GULF COAST RGNL	I-LBX	ILS OR LOC RWY 17, AMDT 5	AMDT: 4
				DATED: 05/11/2006

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 2 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.

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ARINC PACKET - 424-18 - ILS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        HUB   K4011710VDHW N29392026W095163592    N29392026W095163592E0050000822     NARHOBBY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FREEP K40    C     N29113961W095274397                        E0032     NAR           FREEP LOM
        SUSAEAENRT   OBVIE K40    R     N29214112W095274481                        E0032     NAR           OBVIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLBXK4ALBX     0     070YHN29063110W095274350E005000025         1800018000C    MNAR    TEXAS GULF COAST RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLBXK4FI17   AHUB   010HUB  K4D 0V  A    FC HUB K4      0000000020400181D   + 01700     18000                  0 NS
        SUSAP KLBXK4FI17   AHUB   020OBVIEK4EA0EE B    CF ILBXK4      3549015820400020PI  + 01700                            0 NS
        SUSAP KLBXK4FI17   ALB    010LB   K4PN0NE AR   PI HUB K4      1945029330990100D   + 02100     18000                  0 NS
        SUSAP KLBXK4FI17   I      010OBVIEK4EA0E  I    IF ILBXK4      35490158        PI  J 017000160018000                  0 NS
        SUSAP KLBXK4FI17   I      020FREEPK4EA0E  F    CF ILBXK4      3549005817500100PI  H 0160001546        -300LB    K4PN0 NS
        SUSAP KLBXK4FI17   I      030RW17 K4PG0GY M    CF ILBXK4      3549001317500046PI    00077             -300          0 NS
        SUSAP KLBXK4FI17   I      040         0  M     CA                      1749        + 01200                            0 NS
        SUSAP KLBXK4FI17   I      050LB   K4PN0NY  R   DF                                  + 02000                            0 NS
        SUSAP KLBXK4FI17   I      060LB   K4PN0NE  R   HM                      1749T010    + 02000                            0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLBXK4GRW17    0070001749 N29070576W095274359+0000    -0018900025000052100IILBX1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLBXK4IILBX1   010910RW17 N29054955W0952743481749N29065596W0952747520699 09890521300E00505200023

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLBXK4SLB   K4PN                0   18018003125                                                                        M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 25 THRE: 25	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANGLETON/LAKE JACKSON, TX	AIRPORT NAME: **TEXAS GULF COAST RGNL**	**I-LBX**	**ILS OR LOC RWY 17, AMDT 5**	AMDT: **4**
				DATED: **05/11/2006**

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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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKLBXK4 LB    K4002630HOLW N29113961W095274742                     E0050           NARFREEP
```

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 25 THRE: 25	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANGLETON/LAKE JACKSON, TX	AIRPORT NAME: TEXAS GULF COAST RGNL	I-LBX	ILS OR LOC RWY 17, AMDT 5	AMDT: 4
				DATED: 05/11/2006

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 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HUB	HUB	010	IAF	FC		FB		204.0()	018.1	AA 01700	
	HUB	OBVIE	020		CF		FB		204.0()	002.0	AA 01700	
	LB	LB	010	IAF	PI	R	FB		309.9()	010.0	AA 02100	
		OBVIE	010	FACF	IF		FB				AA 01700 GI 01600	
		FREEP	020	FAF	CF		FB		175.0()	010.0	GI 01600 GS 01546	
		RW17	030	MAP	CF		FO		175.0()	004.6	AT 00077	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		174.9()		AA 01200	
	LB	050		DF	R	FO				AA 02000	
	LB	060		HM	R	FO		174.9()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUB	N293920.26	W0951635.92	N2939.338	W09516.599
	FREEP	N291139.61	W0952743.97	N2911.660	W09527.733
	OBVIE	N292141.12	W0952744.81	N2921.685	W09527.747
	RW17	N290705.76	W0952743.59	N2907.096	W09527.727
	ILBX (LOC)	N290549.55	W0952743.48	N2905.826	W09527.725
	LB	N291139.61	W0952747.42	N2911.660	W09527.790

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00025	52

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 25 THRE: 25	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANGLETON/LAKE JACKSON, TX	AIRPORT NAME: TEXAS GULF COAST RGNL	I-LBX	ILS OR LOC RWY 17, AMDT 5	AMDT: 4
				DATED: 05/11/2006

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**

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ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        HUB   K4011710VDHW N29392026W095163592    N29392026W095163592E0050000822     NARHOBBY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FREEP K40    C     N29113961W095274397                      E0032     NAR           FREEP LOM
        SUSAEAENRT   OBVIE K40    R     N29214112W095274481                      E0032     NAR           OBVIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLBXK4ALBX     0     070YHN29063110W095274350E005000025         1800018000C    MNAR    TEXAS GULF COAST RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLBXK4FL17   AHUB   010HUB  K4D 0V  A    FC HUB K4      0000000020400181D   + 01700     18000                 0 NS
        SUSAP KLBXK4FL17   AHUB   020OBVIEK4EA0EE B    CF ILBXK4      3549015820400020PI  + 01700                           0 NS
        SUSAP KLBXK4FL17   ALB    010LB   K4PN0NE AR   PI HUB K4      1945029330990100D   + 02100     18000                 0 NS
        SUSAP KLBXK4FL17   L      010OBVIEK4EA0E  I    IF ILBXK4      35490158        PI  + 01700     18000                 0 NS
        SUSAP KLBXK4FL17   L      020FREEPK4EA0E  F    CF ILBXK4      3549005817500100PI  + 01600                 LB    K4PN0 NS
        SUSAP KLBXK4FL17   L      030RW17 K4PG0GY M    CF ILBXK4      3549001317500046PI    00077             -316          0 NS
        SUSAP KLBXK4FL17   L      040         0  M     CA                      1749        + 01200                           0 NS
        SUSAP KLBXK4FL17   L      050LB   K4PN0NY  R   DF                                  + 02000                           0 NS
        SUSAP KLBXK4FL17   L      060LB   K4PN0NE  R   HM                      1749T010    + 02000                           0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLBXK4GRW17    0070001749 N29070576W095274359+0000    -0018900025000052100IILBX1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLBXK4IILBX1   010910RW17 N29054955W0952743481749N29065596W0952747520699 09890521300E00505200023

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLBXK4SLB   K4PN                0   18018003125                                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 25 THRE: 25	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANGLETON/LAKE JACKSON, TX	AIRPORT NAME: **TEXAS GULF COAST RGNL**	**I-LBX**	**ILS OR LOC RWY 17, AMDT 5**	AMDT: **4**
				DATED: **05/11/2006**

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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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKLBXK4 LB    K4002630HOLW N29113961W095274742                    E0050          NARFREEP
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 25 THRE: 25	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANGLETON/LAKE JACKSON, TX	AIRPORT NAME: TEXAS GULF COAST RGNL	I-LBX	ILS OR LOC RWY 17, AMDT 5	AMDT: 4
				DATED: 05/11/2006

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
	HUB	HUB	010	IAF	FC		FB		204.0()	018.1	AA 01700	
	HUB	OBVIE	020		CF		FB		204.0()	002.0	AA 01700	
	LB	LB	010	IAF	PI	R	FB		309.9()	010.0	AA 02100	
		OBVIE	010	FACF	IF		FB				AA 01700	
		FREEP	020	FAF	CF		FB		175.0()	010.0	AA 01600	
		RW17	030	MAP	CF		FO		175.0()	004.6	AT 00077	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		174.9()		AA 01200	
	LB	050		DF	R	FO				AA 02000	
	LB	060		HM	R	FO		174.9()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUB	N293920.26	W0951635.92	N2939.338	W09516.599
	FREEP	N291139.61	W0952743.97	N2911.660	W09527.733
	OBVIE	N292141.12	W0952744.81	N2921.685	W09527.747
	RW17	N290705.76	W0952743.59	N2907.096	W09527.727
	ILBX (LOC)	N290549.55	W0952743.48	N2905.826	W09527.725
	LB	N291139.61	W0952747.42	N2911.660	W09527.790

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00025	52

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 25 THRE: 25	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANGLETON/LAKE JACKSON, TX	AIRPORT NAME: TEXAS GULF COAST RGNL	I-LBX	ILS OR LOC RWY 17, AMDT 5	AMDT: 4
				DATED: 05/11/2006

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.
INITIAL	HUB VOR/DME	OBVIE INT	1. TOWER (48-009750)	292200.12N/0952616.80W	455 (2C)	1000	AT245	1700
			2. TERRAIN	293215.00N/0952618.00W	69 (100)		AS1500	1600
INTERMEDIATE	OBVIE INT	FREEP LOM	1. TOWER (48-009750)	292200.12N/0952616.80W	455 (2C)	500		1000
			3. TERRAIN	292139.00N/0953130.00W	50 (100)		AS1500	1600
INTERMEDIATE: PT	10 NM	FREEP LOM	4. TOWER (48-012471)	292118.54N/0953200.60W	449 (2C)	500		1000
			5. TERRAIN	292139.00N/0953130.00W	50 (100)		AS1500	1600
FINAL: ILS	GS INTCP	RW17				ASC		225/200
FINAL: LOC	FREEP LOM	4.55 MILES AFTER FREEP LOM	6. AAO	291149.94N/0952816.22W	234 (2C)	250		500
2. PROCEDURE TURN	FREEP LOM	10 NM	7. TOWER (48-003743)	291634.00N/0952246.00W	1038 (5D)	1000		2100
			8. TERRAIN	292235.30N/0952927.80W	69 (100)		AS1500	1600
3. MISSED APPROACH — MAP:	DA / 4.55 MILES AFTER FREEP LOM	FREEP LOM				ASC		2000
			9. TOWER (48-009583)	290829.46N/0953415.84W	352 (2C)	1000		1400
ELEV:	59/250		10. TERRAIN	291324.00N/0953221.00W	43 (0)		AS1500	1500

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	475	13. TANK (48-005318)	290534.71N/0952847.67W	178 (2C)	300	SI	500
CATEGORY B	1.5 NM	450	475	14. DRILL (KLBX0052)	290631.37N/0952917.22W	200 (2C)	300		500
CATEGORY C	1.7 NM	450	475	14. DRILL (KLBX0052)	290631.37N/0952917.22W	200 (2C)	300		500
CATEGORY D	2.3 NM	550	555	14. DRILL (KLBX0052)	290631.37N/0952917.22W	200 (2C)	300	HAA	580
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: LB LOM

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (48-004048)	351/ 22.8	2049 (5D)	3100					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 25 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ANGLETON/LAKE JACKSON, TX	TEXAS GULF COAST RGNL	I-LBX	ILS OR LOC RWY 17, AMDT 5	ASW

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
AUS APP CON AUS TOWER	N W S	OTHER: ASOS	SOURCE: KLBX / KHOU
	F A A		DISTANCE: 0 / 33.53
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION: 24
X V H F X U H F H F	LOCATION: KLBX		ADJUSTMENT: 0 / 81

4. MONITOR STATUS		
PRIMARY NAVAID:	I-LBX	
MONITOR POINT:	DOW HANGER	
HRS OPTN:	CAT 1	24
	CAT 3	

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
X	MALSR 17 (PCL)
	HIRL
X	MIRL 17 (PCL), 35 (PCL)
	REIL
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-4L 17, 35

6. RUNWAY MARKINGS	
BASIC	
ALL WEATHER	PIR-G 17
INSTRUMENT	NPI-G 35

7. RUNWAY VISUAL RANGE
APPROACH
MIDFIELD
ROLL OUT

8. GLIDE PATH		
GP ANGLE: 3.00	ELEV RWY THRESHOLD: 24.9	
DISTANCE FROM RWY: 989	ELEV GP ANTENNA: 24.8	
	THRESHOLD CROSSING HEIGHT: 51.7	

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 (KISSY MAXFIELD)	DATE: 02/22/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

NO ADDITIONAL AIRSPACE REQUIRED.

RASS PRESSURE PATTERNS SAME
KLBX 25.2, KHOU 46.3
RA=80.07

BACKUP REMOTE ALTIMETER ROUNDED UP TO 100 FT AND PUBLISHED BY NOTE.

VGSI DATA: 3.00/52

SDF NOT ADDED DUE TO NO DME OR CROSSING RADIAL TO DEFINE FIX.

VEGITATION HEIGHT 100 FT USED.

KLBX/KHOU ASOS ON SERVICE A.

ALTERNATE MISSED APPROACH PER ATC REQUEST.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 2000
11. TOWER (48-007729) 290356.00N/0953552.00W 624 (2C) 1000 1700
12. TERRAIN 290609.00N/0953342.00W 30 (0) AS1500 1500

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 291139.61N/0952743.97W **TYPE:** WP

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	FREEP	LB	LOM								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	N	LB	LOM	354.93	174.93	R	1		2000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008685)	291439.00N/0952433.00W	489	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE FREEP LOM.
ACTUAL FACILITY LOCATION IS 291139.61N/0952747.42W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 17	1	1	KLBX	ANGLETON/LAKE JACKSON	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
REMOVED FAC 2&3.
REMOVED HOLDING PATTERN 1 AND OBSTACLE 1.
MOVED HOLDING RESTRICTION NOTE FROM REMARKS TO HOLDING RESTRICTIONS.
ADDED PRECIPITOUS TERRAIN REMARK.
ADDED COORDINATE LOCATION NOTE.
REMOVED INT FROM TYPE.
ADDED WP TO FIX TYPE.

DEVELOPED BY: **DATE:** 02/17/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (KISSY MAXFIELD)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: IAH APP CON
OTHER: AMGR, ST AV DIR

QUALITY 1 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HOBBY VOR/DME **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 293920.26N/0951635.92W **TYPE:**

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	FAC FEET	MRA	MAA
1	HOBBY	HUB	VOR/DME	H							45000

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	SE	HUB	VOR/DME	146.95	326.95	R	1		3000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	BLDG (48-004185)	294531.00N/0952204.00W	1049	5D
1	200	STACK (48-004269)	294300.00N/0951339.00W	501	5D

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PALACIOS			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	TRUAX			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	PALACIOS			KGLS	GALVESTON	TX (US)
DP	TRUAX			KGLS	GALVESTON	TX (US)
DP	PALACIOS			KAXH	HOUSTON	TX (US)
DP	PALACIOS			KCXO	HOUSTON	TX (US)
DP	PALACIOS			KDWH	HOUSTON	TX (US)
DP	PALACIOS			KEFD	HOUSTON	TX (US)
DP	TRUAX			KEFD	HOUSTON	TX (US)
DP	PALACIOS			KEYQ	HOUSTON	TX (US)
DP	PALACIOS			KHOU	HOUSTON	TX (US)
DP	TRUAX			KHOU	HOUSTON	TX (US)
DP	PALACIOS			KIAH	HOUSTON	TX (US)
DP	TRUAX			KIAH	HOUSTON	TX (US)
DP	PALACIOS			KIWS	HOUSTON	TX (US)
DP	PALACIOS			KSGR	HOUSTON	TX (US)
DP	TRUAX			KSGR	HOUSTON	TX (US)
DP	PALACIOS			KTME	HOUSTON	TX (US)
DP	PALACIOS			KT41	LA PORTE	TX (US)
DP	HUBEE (RNAV)			KSAT	SAN ANTONIO	TX (US)
DP	HUBEE (RNAV)			KSSF	SAN ANTONIO	TX (US)
EN ROUTE	J138					(US)
EN ROUTE	J177					(US)
EN ROUTE	J37					(US)
EN ROUTE	V15					(US)
EN ROUTE	V194					(US)
EN ROUTE	V198					(US)
EN ROUTE	V20					(US)
EN ROUTE	V68					(US)
EN ROUTE	V548					TX (US)
EN ROUTE	V558					TX (US)
EN ROUTE	V76					TX (US)
IAP	ILS OR LOC RWY 17			KLBX	ANGLETON/LAKE JACKSON	TX (US)
IAP	ILS OR LOC RWY 13			KGLS	GALVESTON	TX (US)
IAP	VOR RWY 13			KGLS	GALVESTON	TX (US)
IAP	LOC/DME RWY 9			KAXH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 14			KCXO	HOUSTON	TX (US)
IAP	NBD RWY 14			KCXO	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 17R			KEFD	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 22			KEFD	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 35L			KEFD	HOUSTON	TX (US)
IAP	NDB-F			KEYQ	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 12R			KHOU	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 30L			KHOU	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 4			KHOU	HOUSTON	TX (US)
IAP	ILS RWY 4 (CAT II)			KHOU	HOUSTON	TX (US)
IAP	ILS RWY 4 (CAT III)			KHOU	HOUSTON	TX (US)
IAP	LOC RWY 22			KHOU	HOUSTON	TX (US)
IAP	VOR/DME RWY 30L			KHOU	HOUSTON	TX (US)
IAP	VOR/DME RWY 35			KHOU	HOUSTON	TX (US)
IAP	VOR/DME RWY 4			KHOU	HOUSTON	TX (US)

QUALITY CHECKED 2

IAP	VOR/DME-E	KHOU	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 15R	KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 26L	KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 26R	KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 27	KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 8L	KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 8R	KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 9	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26L (CAT I)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26L (CAT II)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26L (CAT III)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26R (CAT I)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26R (CAT II)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26R (CAT III)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 27 (CAT I)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 27 (CAT II)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 27 (CAT III)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 8L (CAT II)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 8L (CAT III)	KIAH	HOUSTON	TX (US)
IAP	RNAV (GPS) Y RWY 33	KIWS	HOUSTON	TX (US)
IAP	RNAV (GPS) Z RWY 33	KIWS	HOUSTON	TX (US)
IAP	VOR-D	KIWS	HOUSTON	TX (US)
IAP	VOR/DME RNAV RWY 33	KIWS	HOUSTON	TX (US)
IAP	VOR-B	KLVJ	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 35	KSGR	HOUSTON	TX (US)
IAP	VOR/DME-A	KSGR	HOUSTON	TX (US)
IAP	NDB RWY 30	KT41	LA PORTE	TX (US)
IAP	VOR-A	KT41	LA PORTE	TX (US)
STAR	CARNE	KT00	ANAHUAC	TX (US)
STAR	DAISETTA	KT00	ANAHUAC	TX (US)
STAR	KABOY (RNAV)	KT00	ANAHUAC	TX (US)
STAR	ROKIT (RNAV)	KT00	ANAHUAC	TX (US)
STAR	ROYOH	KT00	ANAHUAC	TX (US)
STAR	CARNE	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	DAISETTA	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	KABOY (RNAV)	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	ROKIT (RNAV)	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	ROYOH	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	TEXNN	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	BITER	K3R9	AUSTIN	TX (US)
STAR	WLEEE (RNAV)	K3R9	AUSTIN	TX (US)
STAR	BITER	K6R4	AUSTIN	TX (US)
STAR	WLEEE (RNAV)	K6R4	AUSTIN	TX (US)
STAR	BITER	KAUS	AUSTIN	TX (US)
STAR	WLEEE (RNAV)	KAUS	AUSTIN	TX (US)
STAR	CARNE	K54T	BAYTOWN	TX (US)
STAR	DAISETTA	K54T	BAYTOWN	TX (US)
STAR	KABOY (RNAV)	K54T	BAYTOWN	TX (US)
STAR	ROKIT (RNAV)	K54T	BAYTOWN	TX (US)
STAR	ROYOH	K54T	BAYTOWN	TX (US)
STAR	CARNE	KHPY	BAYTOWN	TX (US)
STAR	DAISETTA	KHPY	BAYTOWN	TX (US)
STAR	KABOY (RNAV)	KHPY	BAYTOWN	TX (US)
STAR	ROKIT (RNAV)	KHPY	BAYTOWN	TX (US)
STAR	ROYOH	KHPY	BAYTOWN	TX (US)
STAR	CARNE	KGLS	GALVESTON	TX (US)
STAR	DAISETTA	KGLS	GALVESTON	TX (US)
STAR	KABOY (RNAV)	KGLS	GALVESTON	TX (US)
STAR	ROKIT (RNAV)	KGLS	GALVESTON	TX (US)
STAR	ROYOH	KGLS	GALVESTON	TX (US)
STAR	TEXNN	KGLS	GALVESTON	TX (US)
STAR	BITER	KGTU	GEORGETOWN	TX (US)
STAR	WLEEE (RNAV)	KGTU	GEORGETOWN	TX (US)
STAR	CARNE	KAXH	HOUSTON	TX (US)
STAR	DAISETTA	KAXH	HOUSTON	TX (US)
STAR	KABOY (RNAV)	KAXH	HOUSTON	TX (US)
STAR	ROKIT (RNAV)	KAXH	HOUSTON	TX (US)
STAR	ROYOH	KAXH	HOUSTON	TX (US)
STAR	CARNE	KCXO	HOUSTON	TX (US)
STAR	DAISETTA	KCXO	HOUSTON	TX (US)
STAR	GILCO	KCXO	HOUSTON	TX (US)
STAR	KABOY (RNAV)	KCXO	HOUSTON	TX (US)
STAR	ROKIT (RNAV)	KCXO	HOUSTON	TX (US)
STAR	ROYOH	KCXO	HOUSTON	TX (US)
STAR	CARNE	KDWH	HOUSTON	TX (US)
STAR	DAISETTA	KDWH	HOUSTON	TX (US)
STAR	GILCO	KDWH	HOUSTON	TX (US)
STAR	KABOY (RNAV)	KDWH	HOUSTON	TX (US)
STAR	ROKIT (RNAV)	KDWH	HOUSTON	TX (US)
STAR	ROYOH	KDWH	HOUSTON	TX (US)
STAR	CARNE	KEFD	HOUSTON	TX (US)
STAR	DAISETTA	KEFD	HOUSTON	TX (US)
STAR	KABOY (RNAV)	KEFD	HOUSTON	TX (US)
STAR	ROKIT (RNAV)	KEFD	HOUSTON	TX (US)
STAR	ROYOH	KEFD	HOUSTON	TX (US)
STAR	TEXNN	KEFD	HOUSTON	TX (US)
STAR	CARNE	KEYQ	HOUSTON	TX (US)
STAR	DAISETTA	KEYQ	HOUSTON	TX (US)
STAR	KABOY (RNAV)	KEYQ	HOUSTON	TX (US)
STAR	ROKIT (RNAV)	KEYQ	HOUSTON	TX (US)

QUALITY CHECKED 2

STAR	ROYOH	KEYQ	HOUSTON	TX (US)
STAR	BLUBELL	KHOU	HOUSTON	TX (US)
STAR	CARNE	KHOU	HOUSTON	TX (US)
STAR	DAISETTA	KHOU	HOUSTON	TX (US)
STAR	KABOY (RNAV)	KHOU	HOUSTON	TX (US)
STAR	ROKIT (RNAV)	KHOU	HOUSTON	TX (US)
STAR	ROYOH	KHOU	HOUSTON	TX (US)
STAR	TEXNN	KHOU	HOUSTON	TX (US)
STAR	CARNE	KIAH	HOUSTON	TX (US)
STAR	DAISETTA	KIAH	HOUSTON	TX (US)
STAR	GILCO	KIAH	HOUSTON	TX (US)
STAR	KABOY (RNAV)	KIAH	HOUSTON	TX (US)
STAR	ROKIT (RNAV)	KIAH	HOUSTON	TX (US)
STAR	ROYOH	KIAH	HOUSTON	TX (US)
STAR	CARNE	KIWS	HOUSTON	TX (US)
STAR	DAISETTA	KIWS	HOUSTON	TX (US)
STAR	KABOY (RNAV)	KIWS	HOUSTON	TX (US)
STAR	ROKIT (RNAV)	KIWS	HOUSTON	TX (US)
STAR	ROYOH	KIWS	HOUSTON	TX (US)
STAR	ROYOH	KIWS	HOUSTON	TX (US)
STAR	CARNE	KLVJ	HOUSTON	TX (US)
STAR	DAISETTA	KLVJ	HOUSTON	TX (US)
STAR	KABOY (RNAV)	KLVJ	HOUSTON	TX (US)
STAR	ROKIT (RNAV)	KLVJ	HOUSTON	TX (US)
STAR	ROYOH	KLVJ	HOUSTON	TX (US)
STAR	CARNE	KSGR	HOUSTON	TX (US)
STAR	DAISETTA	KSGR	HOUSTON	TX (US)
STAR	KABOY (RNAV)	KSGR	HOUSTON	TX (US)
STAR	ROKIT (RNAV)	KSGR	HOUSTON	TX (US)
STAR	ROYOH	KSGR	HOUSTON	TX (US)
STAR	CARNE	KTME	HOUSTON	TX (US)
STAR	DAISETTA	KTME	HOUSTON	TX (US)
STAR	KABOY (RNAV)	KTME	HOUSTON	TX (US)
STAR	ROKIT (RNAV)	KTME	HOUSTON	TX (US)
STAR	ROYOH	KTME	HOUSTON	TX (US)
STAR	CARNE	KT41	LA PORTE	TX (US)
STAR	DAISETTA	KT41	LA PORTE	TX (US)
STAR	KABOY (RNAV)	KT41	LA PORTE	TX (US)
STAR	ROKIT (RNAV)	KT41	LA PORTE	TX (US)
STAR	ROYOH	KT41	LA PORTE	TX (US)
STAR	BITER	KRYW	LAGO VISTA	TX (US)
STAR	WLEEE (RNAV)	KRYW	LAGO VISTA	TX (US)
STAR	RODIO (RNAV)	KSAT	SAN ANTONIO	TX (US)
STAR	RODIO (RNAV)	KSKF	SAN ANTONIO	TX (US)
STAR	RODIO (RNAV)	KSSF	SAN ANTONIO	TX (US)
STAR	BITER	KHYI	SAN MARCOS	TX (US)
STAR	WLEEE (RNAV)	KHYI	SAN MARCOS	TX (US)
STAR	RODIO (RNAV)	KRND	UNIVERSAL CITY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 **DATE OF REVISION:** 12/17/2009

REASON FOR REVISION:
LAT/LNG UPDATED: MOVED 2.04 FT NE.
UNPLANNED HOLDING NOTE MOVED FROM FIX REMARKS TO HOLDING RESTRICTIONS.
REMARK ADDED: PRECIPITOUS TERRAIN EVALUATION COMPLETED.

DEVELOPED BY: **DATE:** 08/19/2009 **OFFICE:** AVN-101 **NAME:** EUGENE NEWTON (ERIC VALDEZ)

APPROVED BY: **DATE:** **OFFICE:** AVN-120 **NAME:** SUE CRUMB

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OBVIE **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 292141.12N/0952744.81W **TYPE:** INT

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	ANGLETON/LAKE JACKS	I-LBX	LOC		354.93	359.93		15.82		1700	4500
2	HOBBY	HUB	VOR/DME	H	203.96	208.96		20.12		1700	4500

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

REMARKS:
LEAST DIVERGENCE ANGLE COMPLIES WITH TERPS VOLUME 1, PARAGRAPH 287(A).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 17	1, 2		KLBX	ANGLETON/LAKE JACKSON	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
ADDED DISTANCE FROM FAC NM TO FAC 1 AND 2.
ADDED MAG BRG TO FAC 1.

DEVELOPED BY: **DATE:** 02/17/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (KISSY MAXFIELD)

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

SIGNATURE:

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

QUALITY 2 CHECKED