US Department of Transportation
Federal Aviation Administration

STAR - Standard Terminal Arrival

1. Bearings, headings, courses and radials are listed to the nearest hundredth (e.g. 360.00)
2. Distances are in nautical miles to nearest hundredth (e.g. 00.00)
3. Altitudes are minimum altitudes unless otherwise indicated

(1) Transition Routes

(a) Transition Name	(b) Transition Computer Codes	(c) From RNAV WP/ FIX/NAVAID	(d) To RNAV WP/ FIX/NAVAID	(e) Mag Course/ Distance	(f) MEA	(g) MOCA	(h) MAA	(i) Crossing Altitudes / Fixes
COWBOY	CVE.COACH3	CVE VOR/DME	ELLVR	172.26 / 70.87	6000	3600		
			GOALL	167.20 / 6.98	6000	2100		
			PPUNT	167.21 / 24.00	6000	1900		
			DRPPD	167.24 / 25.00	6000	1800		
			FTBAL	167.28 / 12.00	6000	1800		
			MRRIO	128.70 / 15.60	6000	1900		
			TEXNN	128.81 / 9.00	6000	1800		
			COACH	128.87 / 8.00	6000	1700		
ELLVR	ELLVR.COACH3	ELLVR	GOALL	167.20 / 6.98	6000	2100		
			PPUNT	167.21 / 24.00	6000	1900		
			DRPPD	167.24 / 25.00	6000	1800		
			FTBAL	167.28 / 12.00	6000	1800		
			MRRIO	128.70 / 15.60	6000	1900		
			TEXNN	128.81 / 9.00	6000	1800		
			COACH	128.87 / 8.00	6000	1700		
ILEXY	ILEXY.COACH3	ILEXY	TEXNN	089.49 / 39.70	6000	2000		
			COACH	128.87 / 8.00	6000	1700		
LLANO	LLO.COACH3	LLO VORTAC	FTBAL	091.07 / 110.81	6000	4100		
			MRRIO	128.70 / 15.60	6000	1900		
			TEXNN	128.81 / 9.00	6000	1800		
			COACH	128.87 / 8.00	6000	1700		

(2) Arrival Route Description:

SEE CONTINUATION BLOCK 16.

(3) Procedural Data Notes:

SEE CONTINUATION BLOCK 16.

(4) Fixes and/or Holding Patterns:

CHART: ARNNE HOLD NW, RT, 132.93 INBOUND, 20 NM LEGS.
CHART: ELLVR HOLD N, RT, 171.26 INBOUND, 10 NM LEGS.
CHART: MRRIO HOLD NW, RT, 128.81 INBOUND, 10 NM LEGS.
CHART: ARNNE AS A STAND ALONE WP.

(5) Communications: HOUSTON APP CON. ATIS: EFD, HOU

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

(12) Airports Served	
Airport Name WILLIAM P. HOBBY	**City/State** HOUSTON, TX
Airport Name ELLINGTON FIELD	**City/State** HOUSTON, TX
Airport Name SCHOLES INTL AT GALVESTON	**City/State** HOUSTON, TX
Airport Name TEXAS GULF COAST RGNL	**City/State** ANGLETON/LAKE JACKSON
Airport Name	**City/State**
Airport Name	**City/State**

(13) Lost Communications Procedure: STANDARD.

(14) Remarks:
DME/DME/IRU ASSESSMENT SAT (RNP 2.0)
CHART APPEARANCE: RETAIN FORMAT OF ARRIVAL ROUTE DESCRIPTION AS CURRENTLY PUBLISHED ON THE COACH1 RNAV ARRIVAL.

(15) Additional Flight Data:
REFERENCE MAG VAR: KHOU 5E/2000

QUALITY CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

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(16) Continuation:

(2) Arrival Route Description Cont'd:

FROM COACH ON 150.09/9.64 TRACK TO QTRBK (MEA 3100), THENCE AS DEPICTED TO ROYOH. THENCE...
WILLIAM P. HOBBY.

LANDING RUNWAY 12R: ...FROM ROYOH ON 055.24/10.62 TRACK TO SHAUB, THENCE AS DEPICTED TO KUILI, THEN ON 040.37 HEADING, EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO KUILI.

LANDING RUNWAY 22: ... FROM ROYOH ON 071.31/21.07 TRACK TO TCHDN, THENCE AS DEPICTED TO BAAAD, THEN ON 038.82 HEADING, EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO BAAAD.

LANDING RUNWAY 30L: ... FROM ROYOH ON 071.31/21.07 TRACK TO TCHDN, THENCE AS DEPICTED TO DIRKR, THEN ON 130.25 HEADING, EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO DIRKR.

LANDING RUNWAY 4: ... FROM ROYOH ON 118.32/12.37 TRACK TO MILOH, THEN ON 118.32 HEADING, EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO MILOH.

ALL OTHER AIRPORTS:
...THEN ON 137.04 HEADING, EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO ROYOH.

(17) Changes:

1. CHANGED ARNNE HOLDING PATTERN FROM 16 NM LEGS TO 20 NM LEGS.

(18) Reasons for Changes:

1. Air Traffic request.

	Name *(Typed and Signed)*, Title and Organization		DATE
Developed By	MIKE MCGHEE, SUPPORT MANAGER, OPERATIONS SUPPORT HOUSTON ARTC CENTER		13 MAY 2011
Approved	**NFPO**	**LARRY STROUT, MANGER, AJV-353**	QUALITY CHECKED
	Reg. ATD		

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

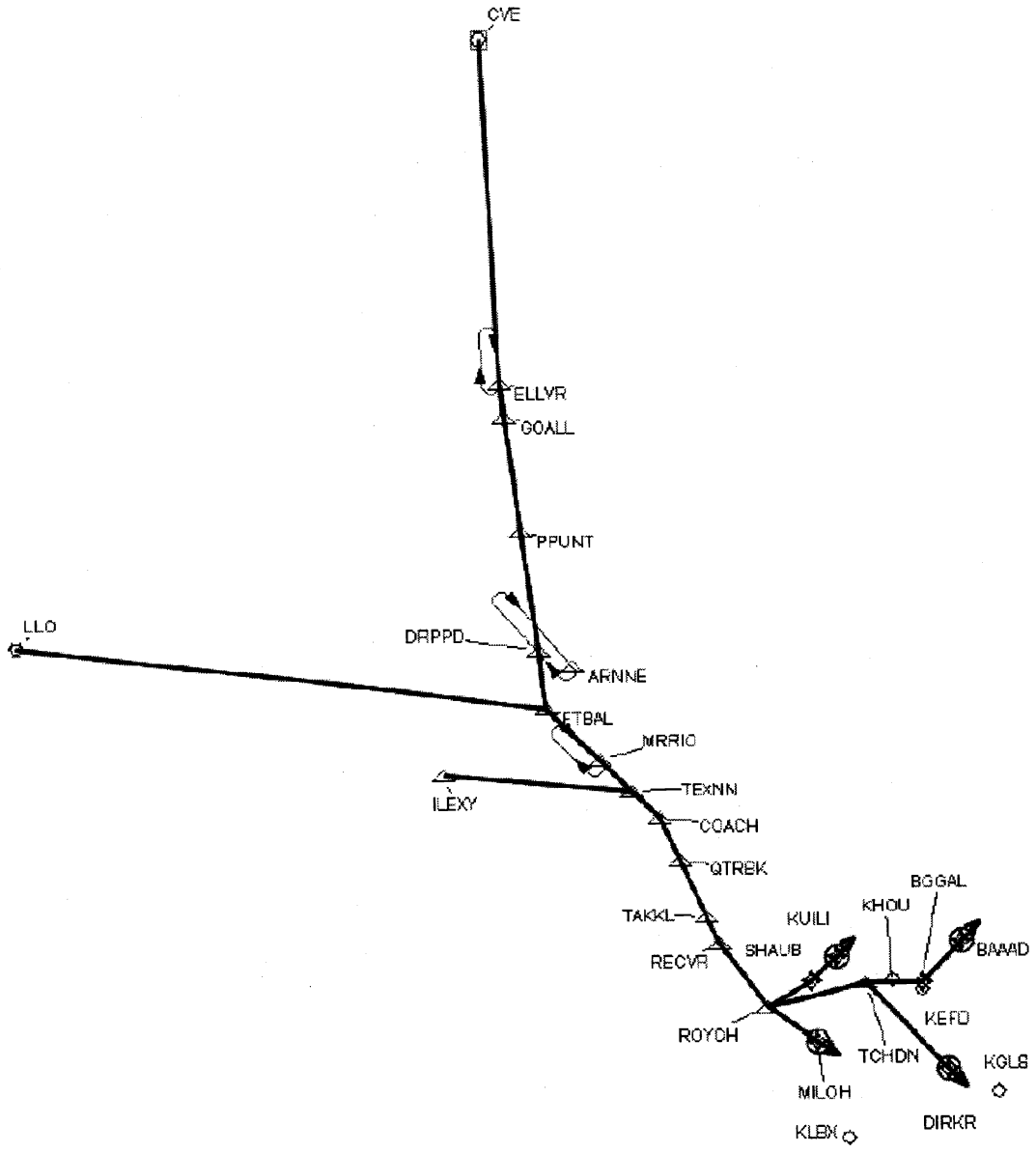
FAA Form 7100-4 (7/02)

(16) Continuation:
(3) Procedural Data Notes Cont'd:
CHART: COACH VERTICAL NAVIGATION PLANNING INFORMATION: TURBOJETS: EXPECT CLEARANCE TO CROSS AT 11000.
CHART: RECVR: CROSS AT 250 KIAS.
CHART: ROYOH: LANDING OTHER THAN HOU: EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO ROYOH.
NOTE: RNAV 1.
NOTE: RADAR REQUIRED.
NOTE: CHART NOT TO SCALE.
NOTE: ILEXY TRANSITION FOR AUSTIN TERMINAL AREA DEPARTURES ONLY.
NOTE: DME/DME/IRU OR GPS REQUIRED.

QUALITY
1
CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

19) Graphic Depiction:



QUALITY 1 CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

FAA Form 7100-4 (7/02)

US Department of Transportation
Federal Aviation Administration

RNAV STAR (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
En Route Transition									
CVE VOR/DME	325325.12N / 0965414.27W	Y		IF					CVE.COACH2
ELLVR	314229.22N / 0965016.05W	Y	FB	TF	177.26	70.87			
GOALL	313533.42N / 0964909.53W	Y	FB	TF	172.20	6.98			
PPUNT	311143.52N / 0964521.93W	Y	FB	TF	172.21	24.00			
DRPPD	304653.83N / 0964126.85W	Y	FB	TF	172.24	25.00			
FTBAL	303458.70N / 0963934.73W	Y	FB	TF	172.28	12.00			
MRRIO	302409.89N / 0962632.22W	Y	FB	TF	133.70	15.60			
TEXNN	301754.97N / 0961902.08W	Y	FB	TF	133.81	9.00			
COACH	301221.35N / 0961222.78W	Y	FB	TF	133.87	8.00			TURBOJETS: EXPECT TO CROSS AT 11000.

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

QUALITY CHECKED

US Department of Transportation
Federal Aviation Administration

RNAV STAR (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
En Route Transition									
ELLVR	314229.22N / 0965016.05W	Y		IF					ELLVR.COACH2
GOALL	313533.42N / 0964909.53W	Y	FB	TF	172.20	6.98			
PPUNT	311143.52N / 0964521.93W	Y	FB	TF	172.21	24.00			
DRPPD	304653.83N / 0964126.85W	Y	FB	TF	172.24	25.00			
FTBAL	303458.70N / 0963934.73W	Y	FB	TF	172.28	12.00			
MRRIO	302409.89N / 0962632.22W	Y	FB	TF	133.70	15.60			
TEXNN	301754.97N / 0961902.08W	Y	FB	TF	133.81	9.00			
COACH	301221.35N / 0961222.78W	Y	FB	TF	133.87	8.00			TURBOJETS: EXPECT TO CROSS AT 11000.
En Route Transition									
ILEXY	302110.00N / 0970445.46W	Y		IF					ILEXY.COACH2
TEXNN	301754.97N / 0961902.08W	Y	FB	TF	094.49	39.70			
COACH	301221.35N / 0961222.78W	Y	FB	TF	133.87	8.00			TURBOJETS: EXPECT TO CROSS AT 11000.

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/20112	

QUALITY CHECKED

US Department of Transportation
Federal Aviation Administration

RNAV STAR (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
En Route Transition									
LLO VORTAC	304746.83N / 0984714.60W	Y		IF					LLO.COACH2
FTBAL	303458.70N / 0963934.73W	Y	FB	TF	096.07	110.81			
MRRIO	302409.89N / 0962632.22W	Y	FB	TF	133.70	15.60			
TEXNN	301754.97N / 0961902.08W	Y	FB	TF	133.81	9.00			
COACH	301221.35N / 0961222.78W	Y	FB	TF	133.87	8.00			TURBOJETS: EXPECT TO CROSS AT 11000.
Common Route									
COACH	301221.35N / 0961222.78W	Y		IF					
QTRBK	300335.42N / 0960742.02W	Y	FB	TF	155.09	9.64			
TAKKL	295147.55N / 0960125.59W	Y	FB	TF	155.13	12.67			
RECVR	294619.62N / 0955831.75W	Y	FB	TF	155.18	6.01		AT 250K	CROSS AT 250 KIAS
ROYOH	293259.99N / 0954638.80W	Y	FB	TF	142.04	16.85			

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

QUALITY 1 CHECKED

US Department of Transportation
Federal Aviation Administration

RNAV STAR (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
Runway Transition									
ROYOH	293259.99N / 0954638.80W	Y		IF					
SHAUB	293816.66N / 0953604.11W	Y	FB	TF	060.24	10.62			
KUILI	294326.54N / 0953004.33W	Y	FO	TF	045.37	7.34			
RW12R HOU				VM	045.37				
Runway Transition									
ROYOH	293259.99N / 0954638.80W	Y		IF					
TCHDN	293757.92N / 0952309.38W	Y	FB	TF	076.31	21.07			
BGGAL	293754.87N / 0950933.55W	Y	FB	TF	090.19	11.85			
BAAAD	294635.28N / 0950000.69W	Y	FO	TF	043.82	12.00			
RWY 22 HOU				VM	043.82				
									QUALITY 1 CHECKED

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

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Federal Aviation Administration

RNAV STAR (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
Runway Transition									
ROYOH	293259.99N / 0954638.80W	Y		IF					
TCHDN	293757.92N / 0952309.38W	Y	FB	TF	076.31	21.07			
DIRKR	292034.99N / 0950331.04W	Y	FO	TF	135.25	24.38			
RW30L HOU				VM	135.25				
Runway Transition									
ROYOH	293259.99N / 0954638.80W	Y		IF					
MILOH	292610.91N / 0953448.72W	Y	FO	TF	123.32	12.37			
RWY 4 HOU				VM	123.32				
Runway Transition									
ROYOH	293259.99N / 0954638.80W	Y		IF					
ALL OTHERS				VM	142.04				

QUALITY 1 CHECKED

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/12	

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CVE   K4011620VDHW N32532512W096541427    N32532512W096541427E0060004502     NARCOWBOY
        SUSAD        LLO   K4010820VTLA N30474683W098471460    N30474683W098471460E0080012071     NARLLANO

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COACH K40    C   L N30122135W096122278                    E0036     NAR          COACH
        SUSAEAENRT   DRPPD K40    C   B N30465383W096412685                    E0038     NAR          DRPPD
        SUSAEAENRT   ELLVR K40    C   B N31422922W096501605                    E0039     NAR          ELLVR
        SUSAEAENRT   FTBAL K40    C   B N30345870W096393473                    E0038     NAR          FTBAL
        SUSAEAENRT   GOALL K40    C   B N31353342W096490953                    E0039     NAR          GOALL
        SUSAEAENRT   ILEXY K40    C   L N30211000W097044546                    E0041     NAR          ILEXY
        SUSAEAENRT   MRRIO K40    C   B N30240989W096263222                    E0037     NAR          MRRIO
        SUSAEAENRT   PPUNT K40    C   B N31114352W096452193                    E0039     NAR          PPUNT
        SUSAEAENRT   QTRBK K40    C   L N30033542W096074202                    E0035     NAR          QTRBK
        SUSAEAENRT   RECVR K40    C   L N29461962W095583175                    E0034     NAR          RECVR
        SUSAEAENRT   ROYOH K40    C   L N29325999W095463880                    E0033     NAR          ROYOH
        SUSAEAENRT   TAKKL K40    C   L N29514755W096012559                    E0035     NAR          TAKKL
        SUSAEAENRT   TEXNN K40    C   B N30175497W096190208                    E0036     NAR          TEXNN

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLSK4AGLS     0     060YHN29155520W094513750E006000006         1800018000C    MNAR    SCHOLES INTL AT GALVESTON

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLSK4ECOACH34CVE   010CVE  K4D 0V       IF                                                  18000
        SUSAP KGLSK4ECOACH34CVE   020ELLVRK4EA0E  H 010TF                    17230709
        SUSAP KGLSK4ECOACH34CVE   030GOALLK4EA0E    010TF                    16720070
        SUSAP KGLSK4ECOACH34CVE   040PPUNTK4EA0E    010TF                    16720240
        SUSAP KGLSK4ECOACH34CVE   050DRPPDK4EA0E    010TF                    16720250
        SUSAP KGLSK4ECOACH34CVE   060FTBALK4EA0E    010TF                    16730120
        SUSAP KGLSK4ECOACH34CVE   070MRRIOK4EA0E  H 010TF                    12870156
        SUSAP KGLSK4ECOACH34CVE   080TEXNNK4EA0E    010TF                    12880090
        SUSAP KGLSK4ECOACH34CVE   090COACHK4EA0EE   010TF                    12890080
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QUALITY CHECKED

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

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SUSAP KGLSK4ECOACH34ELLVR 010ELLVRK4EA0E  H    IF                                    18000
SUSAP KGLSK4ECOACH34ELLVR 020GOALLK4EA0E    010TF                16720070
SUSAP KGLSK4ECOACH34ELLVR 030PPUNTK4EA0E    010TF                16720240
SUSAP KGLSK4ECOACH34ELLVR 040DRPPDK4EA0E    010TF                16720250
SUSAP KGLSK4ECOACH34ELLVR 050FTBALK4EA0E    010TF                16730120
SUSAP KGLSK4ECOACH34ELLVR 060MRRIOK4EA0E  H 010TF                12870156
SUSAP KGLSK4ECOACH34ELLVR 070TEXNNK4EA0E    010TF                12880090
SUSAP KGLSK4ECOACH34ELLVR 080COACHK4EA0EE   010TF                12890080
SUSAP KGLSK4ECOACH34ILEXY 010ILEXYK4EA0E      IF                                    18000
SUSAP KGLSK4ECOACH34ILEXY 020TEXNNK4EA0E    010TF                08950397
SUSAP KGLSK4ECOACH34ILEXY 030COACHK4EA0EE   010TF                12890080
SUSAP KGLSK4ECOACH34LLO   010LLO  K4D 0V     IF                                    18000
SUSAP KGLSK4ECOACH34LLO   020FTBALK4EA0E    010TF                09111108
SUSAP KGLSK4ECOACH34LLO   030MRRIOK4EA0E  H 010TF                12870156
SUSAP KGLSK4ECOACH34LLO   040TEXNNK4EA0E    010TF                12880090
SUSAP KGLSK4ECOACH34LLO   050COACHK4EA0EE   010TF                12890080
SUSAP KGLSK4ECOACH35ALL   010COACHK4EA0E      IF                                    18000
SUSAP KGLSK4ECOACH35ALL   020QTRBKK4EA0E    010TF                15010096
SUSAP KGLSK4ECOACH35ALL   030TAKKLK4EA0E    010TF                15010127
SUSAP KGLSK4ECOACH35ALL   040RECVRK4EA0E    010TF                15020060                250
SUSAP KGLSK4ECOACH35ALL   050ROYOHK4EA0E    010TF                13700169
SUSAP KGLSK4ECOACH35ALL   060KGLS K4PA0AE     VM                 1370

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
SUSAP KGLSK4GRW13    0060001341 N29161818W094520353+0000    -0024800005000053150IIGLS1
SUSAP KGLSK4GRW17    0060011749 N29162461W094513265+0000    -002490000600049150R
SUSAP KGLSK4GRW31    0060003141 N29153260W094512009+0000    -002510000500049150R
SUSAP KGLSK4GRW35    0060013549 N29152521W094513367+0000    -002520000500049150R
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QUALITY 1 CHECKED

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CVE	CVE	010		IF		FB					
	CVE	ELLVR	020		TF		FB	1.0	172.3()	070.9		
	CVE	GOALL	030		TF		FB	1.0	167.2()	007.0		
	CVE	PPUNT	040		TF		FB	1.0	167.2()	024.0		
	CVE	DRPPD	050		TF		FB	1.0	167.2()	025.0		
	CVE	FTBAL	060		TF		FB	1.0	167.3()	012.0		
	CVE	MRRIO	070		TF		FB	1.0	128.7()	015.6		
	CVE	TEXNN	080		TF		FB	1.0	128.8()	009.0		
	CVE	COACH	090		TF		FB	1.0	128.9()	008.0		
	ELLVR	ELLVR	010		IF		FB					
	ELLVR	GOALL	020		TF		FB	1.0	167.2()	007.0		
	ELLVR	PPUNT	030		TF		FB	1.0	167.2()	024.0		
	ELLVR	DRPPD	040		TF		FB	1.0	167.2()	025.0		
	ELLVR	FTBAL	050		TF		FB	1.0	167.3()	012.0		
	ELLVR	MRRIO	060		TF		FB	1.0	128.7()	015.6		
	ELLVR	TEXNN	070		TF		FB	1.0	128.8()	009.0		
	ELLVR	COACH	080		TF		FB	1.0	128.9()	008.0		
	ILEXY	ILEXY	010		IF		FB					
	ILEXY	TEXNN	020		TF		FB	1.0	089.5()	039.7		
	ILEXY	COACH	030		TF		FB	1.0	128.9()	008.0		
	LLO	LLO	010		IF		FB					
	LLO	FTBAL	020		TF		FB	1.0	091.1()	110.8		
	LLO	MRRIO	030		TF		FB	1.0	128.7()	015.6		
	LLO	TEXNN	040		TF		FB	1.0	128.8()	009.0		
	LLO	COACH	050		TF		FB	1.0	128.9()	008.0		
	ALL	COACH	010		IF		FB					
	ALL	QTRBK	020		TF		FB	1.0	150.1()	009.6		
	ALL	TAKKL	030		TF		FB	1.0	150.1()	012.7		
	ALL	RECVR	040		TF		FB	1.0	150.2()	006.0		AT 250
	ALL	ROYOH	050		TF		FB	1.0	137.0()	016.9		
	ALL	KGLS	060		VM		FB		137.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CVE	N325325.12	W0965414.27	N3253.419	W09654.238
	LLO	N304746.83	W0984714.60	N3047.781	W09847.243
	COACH	N301221.35	W0961222.78	N3012.356	W09612.380
	DRPPD	N304653.83	W0964126.85	N3046.897	W09641.448

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

ELLVR	N314229.22	W0965016.05	N3142.487	W09650.268
FTBAL	N303458.70	W0963934.73	N3034.978	W09639.579
GOALL	N313533.42	W0964909.53	N3135.557	W09649.159
ILEXY	N302110.00	W0970445.46	N3021.167	W09704.758
MRRIO	N302409.89	W0962632.22	N3024.165	W09626.537
PPUNT	N311143.52	W0964521.93	N3111.725	W09645.366
QTRBK	N300335.42	W0960742.02	N3003.590	W09607.700
RECVR	N294619.62	W0955831.75	N2946.327	W09558.529
ROYOH	N293259.99	W0954638.80	N2933.000	W09546.647
TAKKL	N295147.55	W0960125.59	N2951.793	W09601.427
TEXNN	N301754.97	W0961902.08	N3017.916	W09619.035
RW13	N291618.18	W0945203.53	N2916.303	W09452.059
RW17	N291624.61	W0945132.65	N2916.410	W09451.544
RW31	N291532.60	W0945120.09	N2915.543	W09451.335
RW35	N291525.21	W0945133.67	N2915.420	W09451.561

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW13	00005	53
RW17	00006	49
RW31	00005	49
RW35	00005	49

QUALITY

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

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NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAD        CVE   K4011620VDHW N32532512W096541427    N32532512W096541427E0060004502     NARCOWBOY
        SUSAD        LLO   K4010820VTLA N30474683W098471460    N30474683W098471460E0080012071     NARLLANO

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WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAEAENRT   COACH K40    C   L N30122135W096122278                    E0036     NAR           COACH
        SUSAEAENRT   DRPPD K40    C   B N30465383W096412685                    E0038     NAR           DRPPD
        SUSAEAENRT   ELLVR K40    C   B N31422922W096501605                    E0039     NAR           ELLVR
        SUSAEAENRT   FTBAL K40    C   B N30345870W096393473                    E0038     NAR           FTBAL
        SUSAEAENRT   GOALL K40    C   B N31353342W096490953                    E0039     NAR           GOALL
        SUSAEAENRT   ILEXY K40    C   L N30211000W097044546                    E0041     NAR           ILEXY
        SUSAEAENRT   MRRIO K40    C   B N30240989W096263222                    E0037     NAR           MRRIO
        SUSAEAENRT   PPUNT K40    C   B N31114352W096452193                    E0039     NAR           PPUNT
        SUSAEAENRT   QTRBK K40    C   L N30033542W096074202                    E0035     NAR           QTRBK
        SUSAEAENRT   RECVR K40    C   L N29461962W095583175                    E0034     NAR           RECVR
        SUSAEAENRT   ROYOH K40    C   L N29325999W095463880                    E0033     NAR           ROYOH
        SUSAEAENRT   TAKKL K40    C   L N29514755W096012559                    E0035     NAR           TAKKL
        SUSAEAENRT   TEXNN K40    C   B N30175497W096190208                    E0036     NAR           TEXNN

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KEFDK4AEFD     0      090YHN29362640W095093150E005000032         1800018000C    MNAR    ELLINGTON FIELD

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SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEFDK4ECOACH34CVE   010CVE  K4D 0V       IF                                                  18000
        SUSAP KEFDK4ECOACH34CVE   020ELLVRK4EA0E  H 010TF                    17230709
        SUSAP KEFDK4ECOACH34CVE   030GOALLK4EA0E    010TF                    16720070
        SUSAP KEFDK4ECOACH34CVE   040PPUNTK4EA0E    010TF                    16720240
        SUSAP KEFDK4ECOACH34CVE   050DRPPDK4EA0E    010TF                    16720250
        SUSAP KEFDK4ECOACH34CVE   060FTBALK4EA0E    010TF                    16730120
        SUSAP KEFDK4ECOACH34CVE   070MRRIOK4EA0E  H 010TF                    12870156
        SUSAP KEFDK4ECOACH34CVE   080TEXNNK4EA0E    010TF                    12880090
        SUSAP KEFDK4ECOACH34CVE   090COACHK4EA0EE   010TF                    12890080
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QUALITY CHECKED

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

FAA Form 7100-3 (9/02)

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SUSAP KEFDK4ECOACH34ELLVR 010ELLVRK4EA0E  H    IF                                    18000
SUSAP KEFDK4ECOACH34ELLVR 020GOALLK4EA0E    010TF                16720070
SUSAP KEFDK4ECOACH34ELLVR 030PPUNTK4EA0E    010TF                16720240
SUSAP KEFDK4ECOACH34ELLVR 040DRPPDK4EA0E    010TF                16720250
SUSAP KEFDK4ECOACH34ELLVR 050FTBALK4EA0E    010TF                16730120
SUSAP KEFDK4ECOACH34ELLVR 060MRRIOK4EA0E  H 010TF                12870156
SUSAP KEFDK4ECOACH34ELLVR 070TEXNNK4EA0E    010TF                12880090
SUSAP KEFDK4ECOACH34ELLVR 080COACHK4EA0EE   010TF                12890080
SUSAP KEFDK4ECOACH34ILEXY 010ILEXYK4EA0E      IF                                    18000
SUSAP KEFDK4ECOACH34ILEXY 020TEXNNK4EA0E    010TF                08950397
SUSAP KEFDK4ECOACH34ILEXY 030COACHK4EA0EE   010TF                12890080
SUSAP KEFDK4ECOACH34LLO   010LLO  K4D 0V      IF                                    18000
SUSAP KEFDK4ECOACH34LLO   020FTBALK4EA0E    010TF                09111108
SUSAP KEFDK4ECOACH34LLO   030MRRIOK4EA0E  H 010TF                12870156
SUSAP KEFDK4ECOACH34LLO   040TEXNNK4EA0E    010TF                12880090
SUSAP KEFDK4ECOACH34LLO   050COACHK4EA0EE   010TF                12890080
SUSAP KEFDK4ECOACH35ALL   010COACHK4EA0E      IF                                    18000
SUSAP KEFDK4ECOACH35ALL   020QTRBKK4EA0E    010TF                15010096
SUSAP KEFDK4ECOACH35ALL   030TAKKLK4EA0E    010TF                15010127
SUSAP KEFDK4ECOACH35ALL   040RECVRK4EA0E    010TF                15020060                250
SUSAP KEFDK4ECOACH35ALL   050ROYOHK4EA0E    010TF                13700169
SUSAP KEFDK4ECOACH35ALL   060KEFD K4PA0AE     VM                 1370
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                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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SUSAP KEFDK4GRW04    0080010389 N29355343W095094676+0100    -0019200026000050150R
SUSAP KEFDK4GRW17L   0046091739 N29370649W095092235+0000    -0017600031000050075D
SUSAP KEFDK4GRW17R   0090011738 N29370600W095095182+0000    -0017600031000052150IILPV1
SUSAP KEFDK4GRW22    0080012189 N29365054W095084397-0100    -0017900030000054150IIFNF1
SUSAP KEFDK4GRW35L   0090013538 N29353692W095094975+0000    -0018800027000054150IIEFD1
SUSAP KEFDK4GRW35R   0046093539 N29362087W095092130+0000    -0018000030000050075D
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QUALITY CHECKED

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CVE	CVE	010		IF		FB					
	CVE	ELLVR	020		TF		FB	1.0	172.3()	070.9		
	CVE	GOALL	030		TF		FB	1.0	167.2()	007.0		
	CVE	PPUNT	040		TF		FB	1.0	167.2()	024.0		
	CVE	DRPPD	050		TF		FB	1.0	167.2()	025.0		
	CVE	FTBAL	060		TF		FB	1.0	167.3()	012.0		
	CVE	MRRIO	070		TF		FB	1.0	128.7()	015.6		
	CVE	TEXNN	080		TF		FB	1.0	128.8()	009.0		
	CVE	COACH	090		TF		FB	1.0	128.9()	008.0		
	ELLVR	ELLVR	010		IF		FB					
	ELLVR	GOALL	020		TF		FB	1.0	167.2()	007.0		
	ELLVR	PPUNT	030		TF		FB	1.0	167.2()	024.0		
	ELLVR	DRPPD	040		TF		FB	1.0	167.2()	025.0		
	ELLVR	FTBAL	050		TF		FB	1.0	167.3()	012.0		
	ELLVR	MRRIO	060		TF		FB	1.0	128.7()	015.6		
	ELLVR	TEXNN	070		TF		FB	1.0	128.8()	009.0		
	ELLVR	COACH	080		TF		FB	1.0	128.9()	008.0		
	ILEXY	ILEXY	010		IF		FB					
	ILEXY	TEXNN	020		TF		FB	1.0	089.5()	039.7		
	ILEXY	COACH	030		TF		FB	1.0	128.9()	008.0		
	LLO	LLO	010		IF		FB					
	LLO	FTBAL	020		TF		FB	1.0	091.1()	110.8		
	LLO	MRRIO	030		TF		FB	1.0	128.7()	015.6		
	LLO	TEXNN	040		TF		FB	1.0	128.8()	009.0		
	LLO	COACH	050		TF		FB	1.0	128.9()	008.0		
	ALL	COACH	010		IF		FB					
	ALL	QTRBK	020		TF		FB	1.0	150.1()	009.6		
	ALL	TAKKL	030		TF		FB	1.0	150.1()	012.7		
	ALL	RECVR	040		TF		FB	1.0	150.2()	006.0		AT 250
	ALL	ROYOH	050		TF		FB	1.0	137.0()	016.9		
	ALL	KEFD	060		VM		FB		137.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CVE	N325325.12	W0965414.27	N3253.419	W09654.238
	LLO	N304746.83	W0984714.60	N3047.781	W09847.243
	COACH	N301221.35	W0961222.78	N3012.356	W09612.380
	DRPPD	N304653.83	W0964126.85	N3046.897	W09641.448

QUALITY CHECKED

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

ELLVR	N314229.22	W0965016.05	N3142.487	W09650.268
FTBAL	N303458.70	W0963934.73	N3034.978	W09639.579
GOALL	N313533.42	W0964909.53	N3135.557	W09649.159
ILEXY	N302110.00	W0970445.46	N3021.167	W09704.758
MRRIO	N302409.89	W0962632.22	N3024.165	W09626.537
PPUNT	N311143.52	W0964521.93	N3111.725	W09645.366
QTRBK	N300335.42	W0960742.02	N3003.590	W09607.700
RECVR	N294619.62	W0955831.75	N2946.327	W09558.529
ROYOH	N293259.99	W0954638.80	N2933.000	W09546.647
TAKKL	N295147.55	W0960125.59	N2951.793	W09601.427
TEXNN	N301754.97	W0961902.08	N3017.916	W09619.035
RW04	N293553.43	W0950946.76	N2935.891	W09509.779
RW17L	N293706.49	W0950922.35	N2937.108	W09509.373
RW17R	N293706.00	W0950951.82	N2937.100	W09509.864
RW22	N293650.54	W0950843.97	N2936.842	W09508.733
RW35L	N293536.92	W0950949.75	N2935.615	W09509.829
RW35R	N293620.87	W0950921.30	N2936.348	W09509.355

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW04	00026	50
RW17L	00031	50
RW17R	00031	52
RW22	00030	54
RW35L	00027	54
RW35R	00030	50

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

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NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAD        CVE   K4011620VDHW N32532512W096541427    N32532512W096541427E0060004502     NARCOWBOY
        SUSAD        LLO   K4010820VTLA N30474683W098471460    N30474683W098471460E0080012071     NARLLANO

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAEAENRT   COACH K40    C   L N30122135W096122278                    E0036     NAR          COACH
        SUSAEAENRT   DRPPD K40    C   B N30465383W096412685                    E0038     NAR          DRPPD
        SUSAEAENRT   ELLVR K40    C   B N31422922W096501605                    E0039     NAR          ELLVR
        SUSAEAENRT   FTBAL K40    C   B N30345870W096393473                    E0038     NAR          FTBAL
        SUSAEAENRT   GOALL K40    C   B N31353342W096490953                    E0039     NAR          GOALL
        SUSAEAENRT   ILEXY K40    C   L N30211000W097044546                    E0041     NAR          ILEXY
        SUSAEAENRT   MRRIO K40    C   B N30240989W096263222                    E0037     NAR          MRRIO
        SUSAEAENRT   PPUNT K40    C   B N31114352W096452193                    E0039     NAR          PPUNT
        SUSAEAENRT   QTRBK K40    C   L N30033542W096074202                    E0035     NAR          QTRBK
        SUSAEAENRT   RECVR K40    C   L N29461962W095583175                    E0034     NAR          RECVR
        SUSAEAENRT   ROYOH K40    C   L N29325999W095463880                    E0033     NAR          ROYOH
        SUSAEAENRT   TAKKL K40    C   L N29514755W096012559                    E0035     NAR          TAKKL
        SUSAEAENRT   TEXNN K40    C   B N30175497W096190208                    E0036     NAR          TEXNN

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AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KLBXK4ALBX     0     070YHN29063110W095274350E005000025         1800018000C    MNAR    TEXAS GULF COAST RGNL

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SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KLBXK4ECOACH34CVE   020ELLVRK4EA0E  H 010TF                    17230709
        SUSAP KLBXK4ECOACH34CVE   030GOALLK4EA0E    010TF                    16720070
        SUSAP KLBXK4ECOACH34CVE   040PPUNTK4EA0E    010TF                    16720240
        SUSAP KLBXK4ECOACH34CVE   050DRPPDK4EA0E    010TF                    16720250
        SUSAP KLBXK4ECOACH34CVE   060FTBALK4EA0E    010TF                    16730120
        SUSAP KLBXK4ECOACH34CVE   070MRRIOK4EA0E  H 010TF                    12870156
        SUSAP KLBXK4ECOACH34CVE   080TEXNNK4EA0E    010TF                    12880090
        SUSAP KLBXK4ECOACH34CVE   090COACHK4EA0EE   010TF                    12890080
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

FAA Form 7100-3 (9/02)

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SUSAP KLBXK4ECOACH34ELLVR 010ELLVRK4EA0E  H    IF                                    18000
SUSAP KLBXK4ECOACH34ELLVR 020GOALLK4EA0E    010TF                16720070
SUSAP KLBXK4ECOACH34ELLVR 030PPUNTK4EA0E    010TF                16720240
SUSAP KLBXK4ECOACH34ELLVR 040DRPPDK4EA0E    010TF                16720250
SUSAP KLBXK4ECOACH34ELLVR 050FTBALK4EA0E    010TF                16730120
SUSAP KLBXK4ECOACH34ELLVR 060MRRIOK4EA0E  H 010TF                12870156
SUSAP KLBXK4ECOACH34ELLVR 070TEXNNK4EA0E    010TF                12880090
SUSAP KLBXK4ECOACH34ELLVR 080COACHK4EA0EE   010TF                12890080
SUSAP KLBXK4ECOACH34ILEXY 010ILEXYK4EA0E      IF                                    18000
SUSAP KLBXK4ECOACH34ILEXY 020TEXNNK4EA0E    010TF                08950397
SUSAP KLBXK4ECOACH34ILEXY 030COACHK4EA0EE   010TF                12890080
SUSAP KLBXK4ECOACH34LLO   010LLO  K4D 0V     IF                                    18000
SUSAP KLBXK4ECOACH34LLO   020FTBALK4EA0E    010TF                09111108
SUSAP KLBXK4ECOACH34LLO   030MRRIOK4EA0E  H 010TF                12870156
SUSAP KLBXK4ECOACH34LLO   040TEXNNK4EA0E    010TF                12880090
SUSAP KLBXK4ECOACH34LLO   050COACHK4EA0EE   010TF                12890080
SUSAP KLBXK4ECOACH35ALL   010COACHK4EA0E      IF                                    18000
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SUSAP KLBXK4ECOACH35ALL   030TAKKLK4EA0E    010TF                15010127
SUSAP KLBXK4ECOACH35ALL   040RECVRK4EA0E    010TF                15020060                250
SUSAP KLBXK4ECOACH35ALL   050ROYOHK4EA0E    010TF                13700169
SUSAP KLBXK4ECOACH35ALL   060KLBX K4PA0AE     VM                 1370

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RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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SUSAP KLBXK4GRW35    0070003549 N29055647W095274349+0000    -00191000240000501000R
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CVE	CVE	010		IF		FB					
	CVE	ELLVR	020		TF		FB	1.0	172.3()	070.9		
	CVE	GOALL	030		TF		FB	1.0	167.2()	007.0		
	CVE	PPUNT	040		TF		FB	1.0	167.2()	024.0		
	CVE	DRPPD	050		TF		FB	1.0	167.2()	025.0		
	CVE	FTBAL	060		TF		FB	1.0	167.3()	012.0		
	CVE	MRRIO	070		TF		FB	1.0	128.7()	015.6		
	CVE	TEXNN	080		TF		FB	1.0	128.8()	009.0		
	CVE	COACH	090		TF		FB	1.0	128.9()	008.0		
	ELLVR	ELLVR	010		IF		FB					
	ELLVR	GOALL	020		TF		FB	1.0	167.2()	007.0		
	ELLVR	PPUNT	030		TF		FB	1.0	167.2()	024.0		
	ELLVR	DRPPD	040		TF		FB	1.0	167.2()	025.0		
	ELLVR	FTBAL	050		TF		FB	1.0	167.3()	012.0		
	ELLVR	MRRIO	060		TF		FB	1.0	128.7()	015.6		
	ELLVR	TEXNN	070		TF		FB	1.0	128.8()	009.0		
	ELLVR	COACH	080		TF		FB	1.0	128.9()	008.0		
	ILEXY	ILEXY	010		IF		FB					
	ILEXY	TEXNN	020		TF		FB	1.0	089.5()	039.7		
	ILEXY	COACH	030		TF		FB	1.0	128.9()	008.0		
	LLO	LLO	010		IF		FB					
	LLO	FTBAL	020		TF		FB	1.0	091.1()	110.8		
	LLO	MRRIO	030		TF		FB	1.0	128.7()	015.6		
	LLO	TEXNN	040		TF		FB	1.0	128.8()	009.0		
	LLO	COACH	050		TF		FB	1.0	128.9()	008.0		
	ALL	COACH	010		IF		FB					
	ALL	QTRBK	020		TF		FB	1.0	150.1()	009.6		
	ALL	TAKKL	030		TF		FB	1.0	150.1()	012.7		
	ALL	RECVR	040		TF		FB	1.0	150.2()	006.0		AT 250
	ALL	ROYOH	050		TF		FB	1.0	137.0()	016.9		
	ALL	KLBX	060		VM		FB		137.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CVE	N325325.12	W0965414.27	N3253.419	W09654.238
	LLO	N304746.83	W0984714.60	N3047.781	W09847.243
	COACH	N301221.35	W0961222.78	N3012.356	W09612.380
	DRPPD	N304653.83	W0964126.85	N3046.897	W09641.448

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

ELLVR	N314229.22	W0965016.05	N3142.487	W09650.268
FTBAL	N303458.70	W0963934.73	N3034.978	W09639.579
GOALL	N313533.42	W0964909.53	N3135.557	W09649.159
ILEXY	N302110.00	W0970445.46	N3021.167	W09704.758
MRRIO	N302409.89	W0962632.22	N3024.165	W09626.537
PPUNT	N311143.52	W0964521.93	N3111.725	W09645.366
QTRBK	N300335.42	W0960742.02	N3003.590	W09607.700
RECVR	N294619.62	W0955831.75	N2946.327	W09558.529
ROYOH	N293259.99	W0954638.80	N2933.000	W09546.647
TAKKL	N295147.55	W0960125.59	N2951.793	W09601.427
TEXNN	N301754.97	W0961902.08	N3017.916	W09619.035
RW17	N290705.76	W0952743.59	N2907.096	W09527.727
RW35	N290556.47	W0952743.49	N2905.941	W09527.725

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW17	00025	52
RW35	00024	50

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        CVE   K4011620VDHW N32532512W096541427    N32532512W096541427E0060004502     NARCOWBOY
        SUSAD        LLO   K4010820VTLA N30474683W098471460    N30474683W098471460E0080012071     NARLLANO

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BAAAD K40    W     N29463528W095000069                    E0029     NAR          BAAAD
        SUSAEAENRT   BGGAL K40    W     N29375487W095093355                    E0030     NAR          BGGAL
        SUSAEAENRT   COACH K40    C   L N30122135W096122278                    E0036     NAR          COACH
        SUSAEAENRT   DIRKR K40    W     N29203499W095033104                    E0029     NAR          DIRKR
        SUSAEAENRT   DRPPD K40    C   B N30465383W096412685                    E0038     NAR          DRPPD
        SUSAEAENRT   ELLVR K40    C   B N31422922W096501605                    E0039     NAR          ELLVR
        SUSAEAENRT   FTBAL K40    C   B N30345870W096393473                    E0038     NAR          FTBAL
        SUSAEAENRT   GOALL K40    C   B N31353342W096490953                    E0039     NAR          GOALL
        SUSAEAENRT   ILEXY K40    C   L N30211000W097044546                    E0041     NAR          ILEXY
        SUSAEAENRT   KUILI K40    W     N29432654W095300433                    E0032     NAR          KUILI
        SUSAEAENRT   MILOH K40    W     N29261091W095344872                    E0032     NAR          MILOH
        SUSAEAENRT   MRRIO K40    C   B N30240989W096263222                    E0037     NAR          MRRIO
        SUSAEAENRT   PPUNT K40    C   B N31114352W096452193                    E0039     NAR          PPUNT
        SUSAEAENRT   QTRBK K40    C   L N30033542W096074202                    E0035     NAR          QTRBK
        SUSAEAENRT   RECVR K40    C   L N29461962W095583175                    E0034     NAR          RECVR
        SUSAEAENRT   ROYOH K40    C   L N29325999W095463880                    E0033     NAR          ROYOH
        SUSAEAENRT   SHAUB K40    W   L N29381666W095360411                    E0032     NAR          SHAUB
        SUSAEAENRT   TAKKL K40    C   L N29514755W096012559                    E0035     NAR          TAKKL
        SUSAEAENRT   TCHDN K40    C   L N29375792W095230938                    E0031     NAR          TCHDN
        SUSAEAENRT   TEXNN K40    C   B N30175497W096190208                    E0036     NAR          TEXNN

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KHOUK4AHOU     0     076YHN29384351W095164400E005000046         1800018000C    MNAR    WILLIAM P HOBBY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KHOUK4ECOACH34CVE   010CVE  K4D 0V       IF                                          18000
        SUSAP KHOUK4ECOACH34CVE   020ELLVRK4EA0E  H 010TF                    17230709
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

FAA Form 7100-3 (9/02)

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SUSAP KHOUK4ECOACH34CVE   030GOALLK4EA0E    010TF          16720070
SUSAP KHOUK4ECOACH34CVE   040PPUNTK4EA0E    010TF          16720240
SUSAP KHOUK4ECOACH34CVE   050DRPPDK4EA0E    010TF          16720250
SUSAP KHOUK4ECOACH34CVE   060FTBALK4EA0E    010TF          16730120
SUSAP KHOUK4ECOACH34CVE   070MRRIOK4EA0E  H 010TF          12870156
SUSAP KHOUK4ECOACH34CVE   080TEXNNK4EA0E    010TF          12880090
SUSAP KHOUK4ECOACH34CVE   090COACHK4EA0EE   010TF          12890080
SUSAP KHOUK4ECOACH34ELLVR 010ELLVRK4EA0E  H    IF                          18000
SUSAP KHOUK4ECOACH34ELLVR 020GOALLK4EA0E    010TF          16720070
SUSAP KHOUK4ECOACH34ELLVR 030PPUNTK4EA0E    010TF          16720240
SUSAP KHOUK4ECOACH34ELLVR 040DRPPDK4EA0E    010TF          16720250
SUSAP KHOUK4ECOACH34ELLVR 050FTBALK4EA0E    010TF          16730120
SUSAP KHOUK4ECOACH34ELLVR 060MRRIOK4EA0E  H 010TF          12870156
SUSAP KHOUK4ECOACH34ELLVR 070TEXNNK4EA0E    010TF          12880090
SUSAP KHOUK4ECOACH34ELLVR 080COACHK4EA0EE   010TF          12890080
SUSAP KHOUK4ECOACH34ILEXY 010ILEXYK4EA0E       IF                          18000
SUSAP KHOUK4ECOACH34ILEXY 020TEXNNK4EA0E    010TF          08950397
SUSAP KHOUK4ECOACH34ILEXY 030COACHK4EA0EE   010TF          12890080
SUSAP KHOUK4ECOACH34LLO   010LLO  K4D 0V       IF                          18000
SUSAP KHOUK4ECOACH34LLO   020FTBALK4EA0E    010TF          09111108
SUSAP KHOUK4ECOACH34LLO   030MRRIOK4EA0E  H 010TF          12870156
SUSAP KHOUK4ECOACH34LLO   040TEXNNK4EA0E    010TF          12880090
SUSAP KHOUK4ECOACH34LLO   050COACHK4EA0EE   010TF          12890080
SUSAP KHOUK4ECOACH35      010COACHK4EA0E       IF                          18000
SUSAP KHOUK4ECOACH35      020QTRBKK4EA0E    010TF          15010096
SUSAP KHOUK4ECOACH35      030TAKKLK4EA0E    010TF          15010127
SUSAP KHOUK4ECOACH35      040RECVRK4EA0E    010TF          15020060              250
SUSAP KHOUK4ECOACH35      050ROYOHK4EA0EE   010TF          13700169
SUSAP KHOUK4ECOACH36RW04  010ROYOHK4EA0E       IF                          18000
SUSAP KHOUK4ECOACH36RW04  020MILOHK4EA0EY   010TF          11830124
SUSAP KHOUK4ECOACH36RW04  030KHOU K4PA0AE      VM          1183
SUSAP KHOUK4ECOACH36RW12R 010ROYOHK4EA0E       IF                          18000
SUSAP KHOUK4ECOACH36RW12R 020SHAUBK4EA0E    010TF          05520106
SUSAP KHOUK4ECOACH36RW12R 030KUILIK4EA0EY   010TF          04040073
SUSAP KHOUK4ECOACH36RW12R 040KHOU K4PA0AE      VM          0404
SUSAP KHOUK4ECOACH36RW22  010ROYOHK4EA0E       IF                          18000
SUSAP KHOUK4ECOACH36RW22  020TCHDNK4EA0E    010TF          07130211
SUSAP KHOUK4ECOACH36RW22  030BGGALK4EA0E    010TF          08520119
SUSAP KHOUK4ECOACH36RW22  040BAAADK4EA0EY   010TF          03880120
SUSAP KHOUK4ECOACH36RW22  050KHOU K4PA0AE      VM          0388
SUSAP KHOUK4ECOACH36RW30L 010ROYOHK4EA0E       IF                          18000
SUSAP KHOUK4ECOACH36RW30L 020TCHDNK4EA0E    010TF          07130211
SUSAP KHOUK4ECOACH36RW30L 030DIRKRK4EA0EY   010TF          13030244
```

QUALITY CHECKED

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

```
        SUSAP KHOUK4ECOACH36RW30L 040KHOU K4PA0AE      VM                  1303

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHOUK4GRW04    0076020390 N29382080W095170716+0000    -00143000420000058150IIHUB3
        SUSAP KHOUK4GRW12R   0076021290 N29385626W095165941+0000    -00130000461034491501IPRQ1
        SUSAP KHOUK4GRW22    0076022190 N29391497W095160736+0000    -00152000390000521501RIOIB0
        SUSAP KHOUK4GRW30L   0076023090 N29381113W095160582+0000    -00144000420000581501IUPU1
```

QUALITY 1 CHECKED

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CVE	CVE	010		IF		FB					
	CVE	ELLVR	020		TF		FB	1.0	172.3()	070.9		
	CVE	GOALL	030		TF		FB	1.0	167.2()	007.0		
	CVE	PPUNT	040		TF		FB	1.0	167.2()	024.0		
	CVE	DRPPD	050		TF		FB	1.0	167.2()	025.0		
	CVE	FTBAL	060		TF		FB	1.0	167.3()	012.0		
	CVE	MRRIO	070		TF		FB	1.0	128.7()	015.6		
	CVE	TEXNN	080		TF		FB	1.0	128.8()	009.0		
	CVE	COACH	090		TF		FB	1.0	128.9()	008.0		
	ELLVR	ELLVR	010		IF		FB					
	ELLVR	GOALL	020		TF		FB	1.0	167.2()	007.0		
	ELLVR	PPUNT	030		TF		FB	1.0	167.2()	024.0		
	ELLVR	DRPPD	040		TF		FB	1.0	167.2()	025.0		
	ELLVR	FTBAL	050		TF		FB	1.0	167.3()	012.0		
	ELLVR	MRRIO	060		TF		FB	1.0	128.7()	015.6		
	ELLVR	TEXNN	070		TF		FB	1.0	128.8()	009.0		
	ELLVR	COACH	080		TF		FB	1.0	128.9()	008.0		
	ILEXY	ILEXY	010		IF		FB					
	ILEXY	TEXNN	020		TF		FB	1.0	089.5()	039.7		
	ILEXY	COACH	030		TF		FB	1.0	128.9()	008.0		
	LLO	LLO	010		IF		FB					
	LLO	FTBAL	020		TF		FB	1.0	091.1()	110.8		
	LLO	MRRIO	030		TF		FB	1.0	128.7()	015.6		
	LLO	TEXNN	040		TF		FB	1.0	128.8()	009.0		
	LLO	COACH	050		TF		FB	1.0	128.9()	008.0		
		COACH	010		IF		FB					
		QTRBK	020		TF		FB	1.0	150.1()	009.6		
		TAKKL	030		TF		FB	1.0	150.1()	012.7		
		RECVR	040		TF		FB	1.0	150.2()	006.0		AT 250
		ROYOH	050		TF		FB	1.0	137.0()	016.9		
	RW04	ROYOH	010		IF		FB					
	RW04	MILOH	020		TF		FO	1.0	118.3()	012.4		
	RW04	KHOU	030		VM		FB		118.3()			
	RW12R	ROYOH	010		IF		FB					
	RW12R	SHAUB	020		TF		FB	1.0	055.2()	010.6		
	RW12R	KUILI	030		TF		FO	1.0	040.4()	007.3		
	RW12R	KHOU	040		VM		FB		040.4()			
	RW22	ROYOH	010		IF		FB					

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

FAA Form 7100-3 (9/02)

RW22	TCHDN	020	TF	FB	1.0	071.3()	021.1
RW22	BGGAL	030	TF	FB	1.0	085.2()	011.9
RW22	BAAAD	040	TF	FO	1.0	038.8()	012.0
RW22	KHOU	050	VM	FB		038.8()	
RW30L	ROYOH	010	IF	FB			
RW30L	TCHDN	020	TF	FB	1.0	071.3()	021.1
RW30L	DIRKR	030	TF	FO	1.0	130.3()	024.4
RW30L	KHOU	040	VM	FB		130.3()	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CVE	N325325.12	W0965414.27	N3253.419	W09654.238
	LLO	N304746.83	W0984714.60	N3047.781	W09847.243
	BAAAD	N294635.28	W0950000.69	N2946.588	W09500.012
	BGGAL	N293754.87	W0950933.55	N2937.915	W09509.559
	COACH	N301221.35	W0961222.78	N3012.356	W09612.380
	DIRKR	N292034.99	W0950331.04	N2920.583	W09503.517
	DRPPD	N304653.83	W0964126.85	N3046.897	W09641.448
	ELLVR	N314229.22	W0965016.05	N3142.487	W09650.268
	FTBAL	N303458.70	W0963934.73	N3034.978	W09639.579
	GOALL	N313533.42	W0964909.53	N3135.557	W09649.159
	ILEXY	N302110.00	W0970445.46	N3021.167	W09704.758
	KUILI	N294326.54	W0953004.33	N2943.442	W09530.072
	MILOH	N292610.91	W0953448.72	N2926.182	W09534.812
	MRRIO	N302409.89	W0962632.22	N3024.165	W09626.537
	PPUNT	N311143.52	W0964521.93	N3111.725	W09645.366
	QTRBK	N300335.42	W0960742.02	N3003.590	W09607.700
	RECVR	N294619.62	W0955831.75	N2946.327	W09558.529
	ROYOH	N293259.99	W0954638.80	N2933.000	W09546.647
	SHAUB	N293816.66	W0953604.11	N2938.278	W09536.069
	TAKKL	N295147.55	W0960125.59	N2951.793	W09601.427
	TCHDN	N293757.92	W0952309.38	N2937.965	W09523.156
	TEXNN	N301754.97	W0961902.08	N3017.916	W09619.035
	RW04	N293820.80	W0951707.16	N2938.347	W09517.119
	RW12R	N293856.26	W0951659.41	N2938.938	W09516.990
	RW22	N293914.97	W0951607.36	N2939.250	W09516.123
	RW30L	N293811.13	W0951605.82	N2938.186	W09516.097

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00042	58
	RW12R	00046	49

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

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RW22     00039          52
RW30L    00042          58
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
COACH RNAV	THREE	COACH.COACH3	TWO	05/31/2012	

RADIO FIX AND HOLDING DATA RECORD

NAME: ARNNE **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 304344.68N/0963300.25W **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	COLLEGE STATION	CLL	VORTAC	L	310.00	318.00	10.00	10.00		4000	45000
2	LEONA	LOA	VORTAC	L	223.95	231.95		38.23		4000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CLL	VORTAC	R-310	10	18000	45000
LOA	VORTAC	R-224	39	18000	45000

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	NW	CLL	VORTAC	310.00	130.00	R	1-1 1/2		4000	40000	23	29
2	NW		WP	312.93	132.93	R		20	6000	45000	30	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008192)	304416.00N/0965014.00W	1270	5D
2	230	TOWER (48-003981)	311625.00N/0971315.00W	2550	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
COLLEGE STATION (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING PAT 2: EVALUATED FOR 16 NM LEGS, ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	COACH (RNAV)		2	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	TEXNN	1, 2	1	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	COACH (RNAV)		2	KGLS	GALVESTON	TX (US)
STAR	TEXNN	1, 2	1	KGLS	GALVESTON	TX (US)
STAR	BAZBL (RNAV)		2	KCXO	HOUSTON	TX (US)
STAR	RIICE	1, 2	1	KCXO	HOUSTON	TX (US)
STAR	BAZBL (RNAV)		2	KDWH	HOUSTON	TX (US)
STAR	RIICE	1, 2	1	KDWH	HOUSTON	TX (US)
STAR	COACH (RNAV)		2	KEFD	HOUSTON	TX (US)
STAR	TEXNN	1, 2	1	KEFD	HOUSTON	TX (US)
STAR	BAZBL (RNAV)		2	KHOU	HOUSTON	TX (US)
STAR	COACH (RNAV)		2	KHOU	HOUSTON	TX (US)
STAR	RIICE	1, 2	1	KHOU	HOUSTON	TX (US)
STAR	TEXNN	1, 2	1	KHOU	HOUSTON	TX (US)
STAR	AGGEE (RNAV)		2	KIAH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)		2	KIAH	HOUSTON	TX (US)
STAR	RIICE	1, 2	1	KIAH	HOUSTON	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
HOLDING PATTERN 2 DME DISTANCE CHANGED FROM 16 TO 20 - AIR TRAFFIC REQUEST.

DEVELOPED BY: **DATE:** 07/13/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON

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

SIGNATURE:

QUALITY CHECKED

DISTRIBUTION:

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

QUALITY
1
CHECKED