

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
WLEEE (RNAV)	FOUR	WLEEE.WLEEE4	THREE	03/05/2015	7 DEC 2017

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
DBOYS	DBOYS.WLEEE4	DBOYS	DBOYS						
			WEEED	274.73	26.14	12000	1700		
			DOOEE	270.98	07.60	12000	1800		AT/ABOVE 17000
			WAILN	270.91	12.81	12000	1800		
			WLEEE	308.89	21.25	10000	2000		BETWEEN 12000 AND 14000
LUKKN	LUKKN.WLEEE4	LUKKN	LUKKN						
			WEEED	252.35	21.50	12000	1700		
			DOOEE	270.98	07.60	12000	1800		AT/ABOVE 17000
			WAILN	270.91	12.81	12000	1800		
			WLEEE	308.89	21.25	10000	2000		BETWEEN 12000 AND 14000
MNURE	MNURE.WLEEE4	MNURE	MNURE						
			WLEEE	278.11	16.21	10000	2000		BETWEEN 12000 AND 14000
WAILN	WAILN.WLEEE4	WAILN	WAILN						
			WLEEE	308.89	21.25	10000	2000		BETWEEN 12000 AND 14000
WEEED	WEEED.WLEEE4	WEEED	WEEED						
			WAILN	270.98	20.41	12000	1800		
			WLEEE	308.89	21.25	10000	2000		BETWEEN 12000 AND 14000

ARRIVAL ROUTE DESCRIPTION:

FROM WLEEE ON TRACK 285.13/11.54 TO CROSS BITER AT OR BELOW 12000.

LANDING RWY 17L/R: FROM BITER ON TRACK 285.01/6.46 TO ISHOV, THEN ON TRACK 284.98/4.80 TO CROSS BASTO AT OR BELOW 8000, THEN ON TRACK 289.11/6.00 TO CROSS LUKKE AT OR ABOVE 6000 AND AT 230 KIAS, THEN ON TRACK 290.87/8.68 TO CROSS XWING AT 4000 AND AT 210 KIAS, THEN ON TRACK 314.50/2.36 TO SSURF, THEN ON TRACK 354.75/2.05 TO BEESO, THEN ON TRACK 354.75. EXPECT RNAV/RNP APPROACH, OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 35L/R: FROM BITER ON TRACK 262.39/12.78 TO CROSS MUSEC AT OR ABOVE 6000 AND AT 230 KIAS, THEN ON TRACK 262.71/9.00 TO CROSS TOONE AT 4000, THEN ON TRACK 262.63/2.00 TO CROSS BOWTZ AT 4000 AND AT 210 KIAS, THEN ON TRACK 213.43/2.36 TO EEVEE, THEN ON TRACK 174.74/2.67 TO SCUTE, THEN ON TRACK 174.74. EXPECT RNAV/RNP APPROACH, OR RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: DME/DME/IRU OR GPS REQUIRED

QUALITY
14
CHECKED

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NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY

NOTE: MNURE TRANSITION FOR HOUSTON TERMINAL DEPARTURES ONLY.

NOTE: EXPECT RUNWAY ASSIGNMENT FROM AUSTIN TRACON UPON INITIAL CONTACT.

FIXES AND/OR HOLDING PATTERNS:

COMMUNICATIONS:

APP CON.

ATIS

AIRPORTS SERVED:

AUSTIN-BERGSTROM INTL, AUSTIN, TX

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

REFERENCE MAGNETIC VARIATION = KAUS 04E/2020

DO NOT CHART MOCA'S

FLIGHT INSPECTED BY:

CARL OESTERLE
Name

FIOG
Organization

06/29/2017
Date

Digitally signed by
JOHNNIE BAKER

Aug 16, 2017 Signature

DEVELOPED BY:

MIKE MCGHEE, SUPPORT MANAGER, OPERATIONS
SUPPORT
Name

ATO/CSB/ZHU
Organization

05/10/2017
Date

Digitally signed by
JOHNNIE BAKER

Aug 16, 2017 Signature

APPROVED BY:

MARLON J. ROBINSON, MANAGER
Name

AJV-5440
Organization

Date

Digitally signed by
JOHNNIE BAKER

Aug 16, 2017 Signature

CHANGES:

1. BBACK WP NAME CHANGED TO DBOYS
2. DOOEE WP ADDED WITH CROSSING RESTRICTION OF AOA 17000
3. CROSSING RESTRICTION AT WLEEE AMENDED FROM BETWEEN 12000 AND 13000 TO BETWEEN 12000 AND 14000

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4. MNURE ENROUTE TRANSITION ADDED
5. ADDED NOTE: MNURE TRANSITION FOR HOUSTON TERMINAL DEPARTURES ONLY.
6. REVVS WP REMOVED AND MUSEC WP ADDED WITH CROSSING RESTRICTION OF AOA 6000 AND 230K
7. TOONE WP ADDED WITH CROSSING RESTRICTION OF 4000
8. SSURF WP MOVED .07NM WEST.
9. BEESO WP MOVED .04NM WEST.
10. MEAS UPDATED CONSIDERING FUTURE VOR MON WORK AND REMOVED FROM ARRIVAL ROUTE DESCRIPTION.
11. MAG VAR UPDATED TO 4E/2020
12. ADDED SPEED RESTRICTION AT 280 KIAS AT WLEEE.

REASONS:

1. BBACK WP NAME CHANGED TO DBOYS TO ELIMINATE CONFUSION WITH ANOTHER WP
2. DOOEE WP ADDED WITH CROSSING RESTRICTION OF AOA 17000 TO PROVIDE PROCEDURAL SEPARATION WITH I90 AIRSPACE
3. CROSSING RESTRICTION AT WLEEE AMENDED FROM BETWEEN 12000 AND 13000 TO BETWEEN 12000 AND 14000 TO EASE DESCENT
4. MNURE ENROUTE TRANSITION ADDED TO SERVE I90 AIRPORTS
5. ADDED NOTE: MNURE TRANSITION FOR HOUSTON TERMINAL DEPARTURES ONLY AT FACILITY REQUEST.
6. REVVS WP REMOVED AND MUSEC WP ADDED 2.23NM EAST WITH CROSSING RESTRICTION OF AOA 6000 AND 230K TO EASE DESCENT REFERENCE NEW WP TOONE.
7. TOONE WP ADDED WITH CROSSING RESTRICTION OF 4000 TO PROVIDE PROCEDURAL SEPARATION FROM SOUTHBOUND SEWZY DOWNWIND OVERHEAD.
8. SSURF WP MOVED .07NM WEST FOR CRITERIA REFERENCE SEGMENT LENGTH.
9. BEESO WP MOVED .04NM WEST TO ALIGN WITH NEW SSURF WP ON DOWNWIND.
10. MEAS UPDATED CONSIDERING FUTURE VOR MON WORK AND REMOVED DUE TO NEW CRITERIA.
11. REQUIRED DUE TO ILS OUT OF MAG VAR TOLERANCE
12. TO SUPPORT DECELERATION REQUIREMENTS

10/04/2017: This is a corrected copy of the form signed on 8/17/2017.

Added speed restriction AT 280 KIAS at WLEEE.



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name WLEEE (RNAV)	Number FOUR	STAR Computer Code WLEEE.WLEEE4	Superseded Number THREE	Dated 03/05/2015	Effective Date 7 DEC 2017				
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
DBOYS	294249.78N / 0954113.45W	Y		IF					DBOYS.WLEEE4
WEEED	294645.14N / 0961054.94W	Y	FB	TF	278.73	26.14			
DOOEE	294724.54N / 0961937.02W	Y	FB	TF	274.98	07.60	AT/ABOVE 17000		
WAILN	294829.63N / 0963417.12W	Y	FB	TF	274.91	12.81			
WLEEE	300258.15N / 0965213.26W	Y	FB	TF	312.89	21.25	12000B14000	AT 280K	
En Route Transition									
LUKKN	295152.38N / 0954654.74W	Y		IF					LUKKN.WLEEE4
WEEED	294645.14N / 0961054.94W	Y	FB	TF	256.35	21.50			
DOOEE	294724.54N / 0961937.02W	Y	FB	TF	274.98	07.60	AT/ABOVE 17000		
WAILN	294829.63N / 0963417.12W	Y	FB	TF	274.91	12.81			
WLEEE	300258.15N / 0965213.26W	Y	FB	TF	312.89	21.25	12000B14000	AT 280K	
En Route Transition									
MNURE	295934.88N / 0963357.84W	Y		IF					MNURE.WLEEE4
WLEEE	300258.15N / 0965213.26W	Y	FB	TF	282.11	16.21	12000B14000	AT 280K	
En Route Transition									
WAILN	294829.63N / 0963417.12W	Y		IF					WAILN.WLEEE4
WLEEE	300258.15N / 0965213.26W	Y	FB	TF	312.89	21.25	12000B14000	AT 280K	
En Route Transition									
WEEED	294645.14N / 0961054.94W	Y		IF					WEEED.WLEEE4
WAILN	294829.63N / 0963417.12W	Y	FB	TF	274.98	20.41			
WLEEE	300258.15N / 0965213.26W	Y	FB	TF	312.89	21.25	12000B14000	AT 280K	

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STAR (DATA RECORD)

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Common Route									
WLEEE	300258.15N / 0965213.26W	Y		IF			12000B14000	AT 280K	WLEEE.WLEEE4
BITER	300645.05N / 0970447.75W	Y	FB	TF	289.13	11.54	AT/BELOW 12000		

Runway Transition									
BITER	300645.05N / 0970447.75W	Y		IF			AT/BELOW 12000		
ISHOV	300851.36N / 0971150.16W	Y	FB	TF	289.01	06.46			
BASTO	301025.05N / 0971704.09W	Y	FB	TF	288.98	04.80	AT/BELOW 8000		
LUKKE	301246.61N / 0972326.47W	Y	FB	TF	293.11	06.00	AT/ABOVE 6000	AT 230K	
XWING	301625.78N / 0973232.03W	Y	FB	TF	294.87	08.68	AT 4000	AT 210K	
SSURF	301812.07N / 0973420.43W	Y	FB	TF	318.50	02.36			
BEESO	302015.33N / 0973423.54W	Y	FO	TF	358.75	02.05	AT 4000		
KAUS:RWY 17L,RWY 17R				FM	358.75				RECOMMENDED NAVAID: LLA VOR

Runway Transition									
BITER	300645.05N / 0970447.75W	Y		IF			AT/BELOW 12000		
MUSEC	300555.81N / 0971929.66W	Y	FB	TF	266.39	12.78	AT/ABOVE 6000	AT 230K	
TOONE	300524.38N / 0972951.10W	Y	FB	TF	266.72	09.00	AT 4000		
BOWTZ	300517.29N / 0973209.18W	Y	FB	TF	266.63	02.00	AT 4000	AT 210K	
EEVEE	300324.77N / 0973348.17W	Y	FB	TF	217.43	02.36			
SCUTE	300044.07N / 0973344.12W	Y	FO	TF	178.74	02.67	AT 4000		
KAUS:RWY 35L,RWY 35R				FM	178.74				RECOMMENDED NAVAID: LLA VOR

QUALITY
14
CHECKED