

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.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
SKNRD (RNAV)	FIVE	DOOBI.SKNRD5	FOUR	06/25/2015	

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
ALEXANDRIA	AEX.SKNRD5	AEX VORTAC	AEX VORTAC						
			JERNY	239.95	73.34	8000	1800		
			BEATL	239.39	18.99	8000	1700		BETWEEN FL240 AND FL280
			DOOBI	239.13	18.61	8000	1700		BETWEEN FL190 AND FL220
PLANB	PLANB.SKNRD5	PLANB	PLANB						
			EGULZ	189.01	45.04	8000	2000		
			TURNR	220.46	18.99	8000	1800		BETWEEN FL240 AND FL280
			DOOBI	218.87	18.72	8000	1700		BETWEEN FL190 AND FL220
SWEUP	SWEUP.SKNRD5	SWEUP	SWEUP						
			EGULZ	221.00	91.83	8000	1900		
			TURNR	220.46	18.99	8000	1800		BETWEEN FL240 AND FL280
			DOOBI	218.87	18.72	8000	1700		BETWEEN FL190 AND FL220

ARRIVAL ROUTE DESCRIPTION:

FROM DOOBI ON TRACK 241.78/16.45 TO CROSS SKNRD AT OR BELOW 16000 AND AT 280 KIAS.

LANDING RWY 8L: FROM SKNRD ON TRACK 241.89/7.01 TO CROSS BFFET BETWEEN 12000 AND 14000 AND AT 250 KIAS, THEN ON TRACK 241.83/14.95 TO CROSS KNGWD BETWEEN 8000 AND 10000 AND AT 240 KIAS, THEN ON TRACK 256.73/11.43 TO CROSS ZOEEE AT 7000 AND AT 240 KIAS, THEN ON TRACK 267.12/9.07 TO CROSS CASST AT 6000 AND AT 210 KIAS, THEN ON TRACK 267.12. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 8R: FROM SKNRD ON TRACK 241.89/7.01 TO CROSS BFFET BETWEEN 12000 AND 14000 AND AT 250 KIAS, THEN ON TRACK 241.83/14.95 TO CROSS KNGWD BETWEEN 8000 AND 10000 AND AT 240 KIAS, THEN ON TRACK 224.87/6.00 TO CROSS EDEEE AT OR BELOW 8000, THEN ON TRACK 225.00/10.41 TO CROSS REAPR AT 6000, THEN ON TRACK 224.98/4.54 TO CROSS SHIVV AT 6000 AND AT 240 KIAS, THEN ON TRACK 267.18/4.82 TO CROSS HOWLN AT 6000 AND AT 210 KIAS, THEN ON TRACK 267.18. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 9: FROM SKNRD ON TRACK 241.89/7.01 TO CROSS BFFET BETWEEN 12000 AND 14000 AND AT 250 KIAS, THEN ON TRACK 241.83/14.95 TO CROSS KNGWD BETWEEN 8000 AND 10000 AND AT 240 KIAS, THEN ON TRACK 224.87/6.00 TO CROSS EDEEE AT OR BELOW 8000, THEN ON TRACK 225.00/10.41 TO CROSS REAPR AT 6000, THEN ON TRACK 224.98/4.54 TO CROSS SHIVV AT 6000 AND AT 240 KIAS, THEN ON TRACK 267.18/4.82 TO CROSS HOWLN AT 6000 AND AT 210 KIAS, THEN ON TRACK 267.18. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AND TURBOPROP AIRCRAFT ONLY

NOTE: FLY THE RUNWAY 8L TRANSITION; HOUSTON APPROACH CONTROL MAY ASSIGN A DIFFERENT TRANSITION ON INITIAL CONTACT.

NOTE: CORRESPONDING RNAV STAR IS DOOBI. EXPECT DOOBI WHEN IAH IS LANDING WEST.

NOTE: JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL 280 KIAS. IF UNABLE, ADVISE ATC.

NOTE: DO NOT FILE - TO BE ASSIGNED BY ATC.

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.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
SKNRD (RNAV)	FIVE	DOOBI.SKNRD5	FOUR	06/25/2015	

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT DOOBI: HOLD NE, RT, 239.13 INBOUND, 10 NM LEGS.
CHART HOLDING AT EGULZ: HOLD NE, LT, 221.00 INBOUND, 16 NM LEGS.
CHART HOLDING AT JERNY: HOLD NE, RT, 239.95 INBOUND, 16 NM LEGS.

COMMUNICATIONS:

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
IAH	HOUSTON	TX

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

MEAS PER DME/DME/IRU EVALUATION
1700 MOCA AT DOOBI TO MAINTAIN ROC REQUIREMENTS IN ARRIVAL ROUTE SEGMENTS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
MAG VAR: IAH 03E/2015
CHART AT CASST TERMINUS: IAH LDG RWY 8L
CHART AT HOWLN TERMINUS: IAH LDG RWY 8R, 9

FLIGHT INSPECTED BY:

ANTHONY D VALLERA

ORGANIZATION: **DATE:**

AJF 02/01/2025

Flight Inspected Signature: _____

Digitally signed by
CASIMIR L TABAKA

Feb 04, 2025

DEVELOPED BY:

CASIMIR TABAKA (BARBARA GORMAN)

AJV-A432 11/05/2024

Developed By Signature: _____

Digitally signed by
CASIMIR L TABAKA

Feb 04, 2025

APPROVED BY:

CASIMIR TABAKA

AJV-A430

Approved By Signature: _____

Digitally signed by
CASIMIR L TABAKA

Feb 04, 2025

CHANGES:

1. REMOVED SWB NAVAID FROM SAWMILL TRANSITION AND REPLACED WITH SWEUP WP; DISTANCE UPDATED FROM 91.84 TO 91.83.
2. MEAS UPDATED.
3. REMOVED MEAS FROM ARRIVAL ROUTE DESCRIPTION.
4. UPDATED ARRIVAL ROUTE DESCRIPTIONS: CHANGED ALL "AT OR ABOVE" COUPLED WITH "AT OR BELOW" TO "BETWEEN."



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.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
SKNRD (RNAV)	FIVE	DOOBI.SKNRD5	FOUR	06/25/2015	

5. MOVED PROCEDURAL DATA NOTES: RADAR REQUIRED TO EQUIPMENT REQUIREMENT NOTES.
6. MOVED AND COMBINED PROCEDURAL DATA NOTES: FROM RNAV 1, DME/DME/IRU OR GPS REQUIRED TO PBN REQUIREMENT NOTES.
7. CHANGED TURBOJET TO JET IN SPEED CAPABILITY NOTE.
8. UPDATED NOTE: FROM "TURBOJET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 280K. MAINTAIN 280K UNTIL SLOWED BY STAR." TO " JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL 280 KIAS. IF UNABLE, ADVISE ATC."
9. ADDED HOLDING AT EGULZ.
10. UPDATED HOLDING AT JERNY FROM 20 NM LEGS TO 16 NM LEGS.
11. REMOVED CHART: HOUSTON APP CON.
12. ADDED REMARKS: MEAS PER DME/DME/IRU EVALUATION; 1700 MOCA AT DOOBI TO MAINTAIN ROC REQUIREMENTS IN ARRIVAL ROUTE SEGMENTS.
13. ADDED TERMINUS INFO TO ADDITIONAL FLIGHT DATA.
14. REMOVED AIRPORT NAMES FROM AIRPORTS SERVED; ADDED AIRPORT ID.

REASONS:

1. SWB DECOMMISSIONED; SWEUP WP 60FT SOUTHWEST.
2. MEAS AMENDED TO LOWEST ALTITUDE THAT WILL PASS DME/DME SCREEN AND MOCAS UPDATED TO CURRENT REQUIREMENTS.
3. NO LONGER A REQUIREMENT.
4. IAW 8260.19J 4-5-2 E.
- 5/6. IAW 8260.19J 4-5-3.
7. IAW 8260.19J 4-5-12 D3(A).
8. IAW 8260.19J 4-5-2 F.
9. PER ATC REQUEST.
10. IAW 8260.3F TABLE 16-3-1.
11. AUTOMATICALLY CHARTED IAW 8260.16J 4-5-12(F).
12. MEAS ARE HIGHER THAN MOCAS; NEW EVALUATION COMPLETED.
13. 8260.19J 4-5-2 H(2).
14. PER 8260.19J DOCUMENTATION STANDARDS.

02/03/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 11/05/2024.

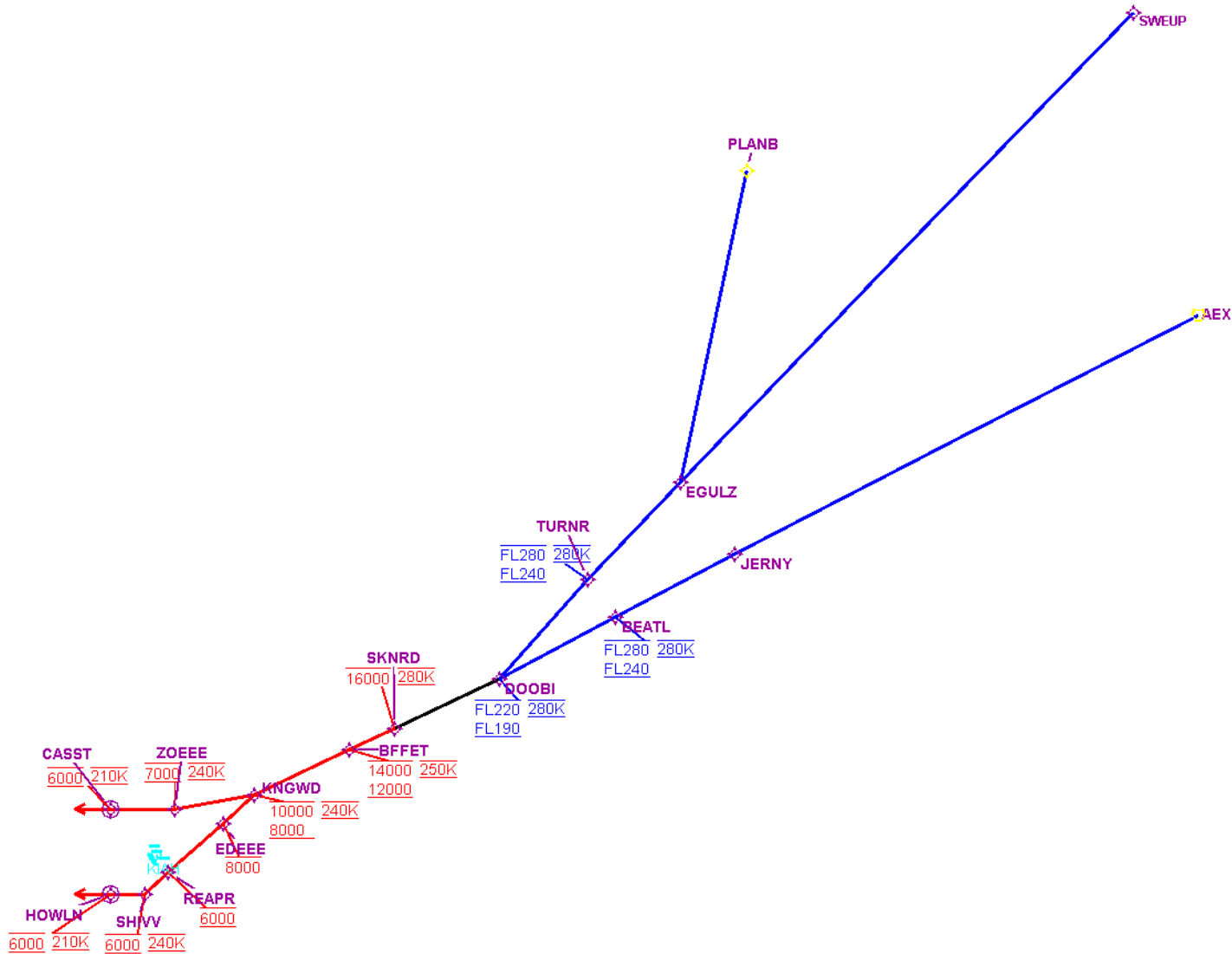
1. ADDED NOTE: DO NOT FILE - TO BE ASSIGNED BY ATC.



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.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
SKNRD (RNAV)	FIVE	DOOBI.SKNRD5	FOUR	06/25/2015	
Graphic Depiction 1					



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)**

Arrival Name SKNRD (RNAV)	Number FIVE		STAR Computer Code DOOBI.SKNRD5		Superseded Number FOUR		Dated 06/25/2015		Effective Date
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
En Route Transition									
AEX VORTAC	311524.23N / 0923003.50W	Y		IF					AEX.SKNRD5
JERNY	304136.21N / 0934549.24W	Y	FB	TF	242.95	73.34			
BEATL	303245.63N / 0940518.22W	Y	FB	TF	242.39	18.99	FL240BFL280	AT 280K	
DOOBI	302401.02N / 0942419.89W	Y	FB	TF	242.13	18.61	FL190BFL220	AT 280K	
En Route Transition									
PLANB	313559.26N / 0934351.54W	Y		IF					PLANB.SKNRD5
EGULZ	305149.81N / 0935444.92W	Y	FB	TF	192.01	45.04			
TURNR	303800.16N / 0940953.12W	Y	FB	TF	223.46	18.99	FL240BFL280	AT 280K	
DOOBI	302401.02N / 0942419.89W	Y	FB	TF	221.87	18.72	FL190BFL220	AT 280K	
En Route Transition									
SWEUP	315823.07N / 0924038.00W	Y		IF					SWEUP.SKNRD5
EGULZ	305149.81N / 0935444.92W	Y	FB	TF	224.00	91.83			
TURNR	303800.16N / 0940953.12W	Y	FB	TF	223.46	18.99	FL240BFL280	AT 280K	
DOOBI	302401.02N / 0942419.89W	Y	FB	TF	221.87	18.72	FL190BFL220	AT 280K	
Common Route									
DOOBI	302401.02N / 0942419.89W	Y		IF			FL190BFL220	AT 280K	DOOBI.SKNRD5
SKNRD	301658.22N / 0944131.29W	Y	FB	TF	244.78	16.45	AT/BELOW 16000	AT 280K	
Runway Transition									
SKNRD	301658.22N / 0944131.29W	Y		IF			AT/BELOW 16000	AT 280K	
BFFET	301359.15N / 0944850.84W	Y	FB	TF	244.89	07.01	12000B14000	AT 250K	
KNGWD	300735.81N / 0950426.99W	Y	FB	TF	244.83	14.95	8000B10000	AT 240K	
ZOEED	300532.56N / 0951725.16W	Y	FB	TF	259.73	11.43	AT 7000	AT 240K	
CASST	300533.25N / 0952752.48W	Y	FO	TF	270.12	09.07	AT 6000	AT 210K	
KIAH:RWY 8L				FM	270.12				

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name SKNRD (RNAV)		Number FIVE		STAR Computer Code DOOBI.SKNRD5		Superseded Number FOUR		Dated 06/25/2015	Effective Date
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
Runway Transition									
SKNRD	301658.22N / 0944131.29W	Y		IF			AT/BELOW 16000	AT 280K	
BFFET	301359.15N / 0944850.84W	Y	FB	TF	244.89	07.01	12000B14000	AT 250K	
KNGWD	300735.81N / 0950426.99W	Y	FB	TF	244.83	14.95	8000B10000	AT 240K	
EDEEE	300333.64N / 0950934.66W	Y	FB	TF	227.87	06.00	AT/BELOW 8000		
REAPR	295634.37N / 0951828.99W	Y	FB	TF	228.00	10.41	AT 6000		
SHIVV	295331.44N / 0952221.90W	Y	FB	TF	227.98	04.54	AT 6000	AT 240K	
HOWLN	295332.21N / 0952754.90W	Y	FO	TF	270.18	04.82	AT 6000	AT 210K	
KIAH:RWY 8R				FM	270.18				
Runway Transition									
SKNRD	301658.22N / 0944131.29W	Y		IF			AT/BELOW 16000	AT 280K	
BFFET	301359.15N / 0944850.84W	Y	FB	TF	244.89	07.01	12000B14000	AT 250K	
KNGWD	300735.81N / 0950426.99W	Y	FB	TF	244.83	14.95	8000B10000	AT 240K	
EDEEE	300333.64N / 0950934.66W	Y	FB	TF	227.87	06.00	AT/BELOW 8000		
REAPR	295634.37N / 0951828.99W	Y	FB	TF	228.00	10.41	AT 6000		
SHIVV	295331.44N / 0952221.90W	Y	FB	TF	227.98	04.54	AT 6000	AT 240K	
HOWLN	295332.21N / 0952754.90W	Y	FO	TF	270.18	04.82	AT 6000	AT 210K	
KIAH:RWY 9				FM	270.18				

