

US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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 depiction attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
SOCKK RNAV	THREE	BOOVE.SOCKK3	TWO	20 AUG 2015	26 MAY 2016

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
GEEKY	GEEKY.SOCKK3	GEEKY	GEEKY						
			SNGGL	082.34	46.33	10000	4000		BETWEEN FL240 AND FL300
			NNJUH	082.78	18.96	10000	3100		BETWEEN FL200 AND FL230
			DARRB	083.01	35.05	10000	3200		BETWEEN 12000 AND 14000
			GRCIA	083.32	05.02	4000	2500		AT/ABOVE 11000
			BOOVE	083.38	09.63	4000	2500		BETWEEN 9000 AND 11000
GUTZZ	GUTZZ.SOCKK3	GUTZZ	GUTZZ						
			WERMO	002.71	02.07	10000	2700		BETWEEN FL240 AND FL300
			EGADS	003.43	12.38	10000	2800		BETWEEN FL200 AND FL230
			KIILO	025.71	35.01	10000	2700		BETWEEN 12000 AND 14000
			KYSSS	025.60	04.99	4000	2500		AT/ABOVE 11000
			BOOVE	022.61	10.11	4000	2300		BETWEEN 9000 AND 11000
KIILO	KIILO.SOCKK3	KIILO	KIILO						BETWEEN 12000 AND 14000
			KYSSS	025.60	04.99	4000	2500		AT/ABOVE 11000
			BOOVE	022.61	10.11	4000	2300		BETWEEN 9000 AND 11000
SNGGL	SNGGL.SOCKK3	SNGGL	SNGGL						BETWEEN FL240 AND FL300
			NNJUH	082.78	18.96	10000	3100		BETWEEN FL200 AND FL230
			DARRB	083.01	35.05	10000	3200		BETWEEN 12000 AND 14000
			GRCIA	083.32	05.02	4000	2500		AT/ABOVE 11000
			BOOVE	083.38	09.63	4000	2500		BETWEEN 9000 AND 11000

ARRIVAL ROUTE DESCRIPTION:

FROM BOOVE ON TRACK 039.99/7.86 TO CROSS ISABL BETWEEN 7000 AND 9000 AND AT 250 KIAS (MEA 3000/MOCA 2500), THEN ON TRACK 079.59/12.00 TO CROSS SOCKK AT 5000 AND AT 230 KIAS (MEA 3000), THEN ON TRACK 077.01. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

- NOTE: RADAR REQUIRED.
- NOTE: RNAV 1.
- NOTE: DME/DME/IRU OR GPS REQUIRED.
- NOTE: TURBOJET AIRCRAFT ONLY.



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SOCKK RNAV	THREE	BOOVE.SOCKK3	TWO	20 AUG 2015	26 MAY 2016

NOTE: FOR USE WHEN DFW IS OPERATING IN A NORTH FLOW. WHEN DFW IS OPERATING IN A SOUTH FLOW, FILE AND EXPECT THE BOOVE RNAV STAR.

NOTE: SNGGL TRANSITION: FOR ABI TERMINAL AREA DEPARTURES ONLY.

NOTE: KIILO TRANSITION: FOR ACT AND GRK TERMINAL AREA DEPARTURES ONLY.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT NNJUH: HOLD W, LT, 082.78 INBOUND, 10 NM LEGS. CHART HOLDING AT DARRB: HOLD W, LT, 083.01 INBOUND, 10 NM LEGS. CHART HOLDING AT EGADS: HOLD S, LT, 003.43 INBOUND, 10 NM LEGS. CHART HOLDING AT KIILO: HOLD SW, LT, 025.71 INBOUND, 10 NM LEGS. CHART HOLDING AT SNGGL: HOLD W, LT, 082.34 INBOUND, 10 NM LEGS. CHART HOLDING AT GUTZZ: HOLD S, LT, 003.18 INBOUND, 10 NM LEGS. CHART HOLDING AT PHILS: HOLD W, RT, 080.00 INBOUND, 10 NM LEGS. CHART HOLDING AT HOVAS: HOLD SW, RT, 060.00 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

DFW ATIS, REGIONAL APP CON.

AIRPORTS SERVED:

DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0).

REFERENCE MAGNETIC VARIATION = KDFW 04E/2015

CHANGES:

MOVED GUTZZ 6.7NM NORTH INTO ZFW AIRSPACE.

REASONS:

FOR COORDINATION AND AUTOMATION REQUIREMENTS.



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STAR (DATA RECORD)

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
SOCKK RNAV	THREE	BOOVE.SOCKK3	TWO	20 AUG 2015	26 MAY 2016

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
GEEKY	321646.32N / 0995301.09W	Y		IF					GEEKY.SOCKK3
SNGGL	321932.27N / 0985827.46W	Y	FB	TF	086.34	46.33	FL240BFL300	AT 290K	
NNJUH	322034.24N / 0983606.57W	Y	FB	TF	086.78	18.96	FL200BFL230	AT 290K	
DARRB	322217.36N / 0975446.55W	Y	FB	TF	087.01	35.05	12000B14000	AT 270K	
GRCIA	322231.36N / 0974850.97W	Y	FB	TF	087.32	05.02	AT/ABOVE 11000	AT 270K	
BOOVE	322257.36N / 0973729.42W	Y	FB	TF	087.38	09.63	9000B11000	AT 250K	

En Route Transition									
GUTZZ	312444.83N / 0980820.43W	Y		IF					GUTZZ.SOCKK3
VERMO	312648.35N / 0980803.48W	Y	FB	TF	006.71	02.07	FL240BFL300	AT 290K	
EGADS	313906.58N / 0980610.94W	Y	FB	TF	007.43	12.38	FL200BFL230	AT 290K	
KIILO	320933.36N / 0974544.52W	Y	FB	TF	029.71	35.01	12000B14000	AT 270K	
KYSSS	321354.16N / 0974250.19W	Y	FB	TF	029.60	04.99	AT/ABOVE 11000	AT 270K	
BOOVE	322257.36N / 0973729.42W	Y	FB	TF	026.61	10.11	9000B11000	AT 250K	

En Route Transition									
KIILO	320933.36N / 0974544.52W	Y		IF			12000B14000	AT 270K	KIILO.SOCKK3
KYSSS	321354.16N / 0974250.19W	Y	FB	TF	029.60	04.99	AT/ABOVE 11000	AT 270K	
BOOVE	322257.36N / 0973729.42W	Y	FB	TF	026.61	10.11	9000B11000	AT 250K	

En Route Transition									
SNGGL	321932.27N / 0985827.46W	Y		IF			FL240BFL300	AT 290K	SNGGL.SOCKK3
NNJUH	322034.24N / 0983606.57W	Y	FB	TF	086.78	18.96	FL200BFL230	AT 290K	
DARRB	322217.36N / 0975446.55W	Y	FB	TF	087.01	35.05	12000B14000	AT 270K	
GRCIA	322231.36N / 0974850.97W	Y	FB	TF	087.32	05.02	AT/ABOVE 11000	AT 270K	
BOOVE	322257.36N / 0973729.42W	Y	FB	TF	087.38	09.63	9000B11000	AT 250K	

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Common Route									
BOOVE	322257.36N / 0973729.42W	Y		IF			9000B11000	AT 250K	BOOVE.SOCKK3
ISABL	322837.14N / 0973102.22W	Y	FB	TF	043.99	07.86	7000B9000	AT 250K	
SOCKK	322956.85N / 0971656.04W	Y	FO	TF	083.59	12.00	AT 5000	AT 230K	
KDFW				FM	081.01				RECOMMENDED NAVAID: HOT VOR/DME

