

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Arrival Name MNND0 RNAV	Number FOUR	STAR Computer Code MNND0.MNND04	Superseded Number THREE	Dated 31 MAR 2016	Effective Date
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
CHEVE	CHEVE.MNND04	CHEVE	CHEVE						AT/BELOW FL230
			FIATT	025.93	56.30	10000	2100		
			ORVLL	354.56	23.22	5000	1800		AT 9000
			MNND0	311.82	14.00	4000	1700		
FELIZ	FELIZ.MNND04	FELIZ	FELIZ						
			ORVLL	270.66	34.99	5000	2000		AT 9000
			MNND0	311.82	14.00	4000	1700		
HEERE	HEERE.MNND04	HEERE	HEERE						
			JAKCY	311.59	19.17	5000	2000		
			ORVLL	311.45	18.00	5000	1800		AT 9000
			MNND0	311.82	14.00	4000	1700		
JIGAM	JIGAM.MNND04	JIGAM	JIGAM						BETWEEN FL240 AND FL300
			ORVLL	284.40	54.98	5000	2100		AT 9000
			MNND0	311.82	14.00	4000	1700		
MAJKK	MAJKK.MNND04	MAJKK	MAJKK						
			HAPNS	330.37	14.19	10000	2100		BETWEEN FL240 AND FL300
			HEERE	330.14	18.45	10000	2100		
			JAKCY	311.59	19.17	5000	2000		
			ORVLL	311.45	18.00	5000	1800		AT 9000
			MNND0	311.82	14.00	4000	1700		
NAVYS	NAVYS.MNND04	NAVYS	NAVYS						
			FIATT	354.27	39.76	10000	2100		
			ORVLL	354.56	23.22	5000	1800		AT 9000
			MNND0	311.82	14.00	4000	1700		
PNUTS	PNUTS.MNND04	PNUTS	PNUTS						
			FOURE	289.78	53.51	10000	2000		
			JIGAM	284.46	44.41	10000	2200		BETWEEN FL240 AND FL300
			ORVLL	284.40	54.98	5000	2100		AT 9000

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Arrival Name			Number	STAR Computer Code		Superseded Number			Dated	Effective Date
MNND0 RNAV			FOUR	MNND0.MNND04		THREE			31 MAR 2016	
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			MNND0	311.82	14.00	4000	1700			
PUDJE	PUDJE.MNND04	PUDJE	PUDJE							
			NAPLY	264.63	105.39	10000	2100			
			NDRUS	267.70	14.81	10000	2100		BETWEEN FL240 AND FL300	
			FELIZ	267.98	20.00	10000	2100			
			ORVLL	270.66	34.99	5000	2000		AT 9000	
			MNND0	311.82	14.00	4000	1700			
YEAGR	YEAGR.MNND04	YEAGR	YEAGR						AT 8000	
			MNND0	278.89	12.15	4000	1900			

ARRIVAL ROUTE DESCRIPTION:

FROM MNND0 ON TRACK 312.75/2.00 TO GAREE (MEA 4000/MOCA 1700), THEN ON TRACK 312.75. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: FILE THIS PROCEDURE WHEN DAL IS LANDING NORTH; WHEN DAL IS LANDING SOUTH, EXPECT THE REDDN RNAV STAR.

NOTE: YEAGR, FELIZ, JIGAM, AND HEERE TRANSITIONS: ATC ASSIGNED ONLY.

NOTE: NAVYS TRANSITION: FOR KCLL DEPARTURES ONLY

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT FELIZ: HOLD E, LT, 267.98 INBOUND, 10 NM LEGS. CHART HOLDING AT HEERE: HOLD SE, LT, 330.14 INBOUND, 10 NM LEGS. CHART RYCKK AND KELHR AS STAND-ALONE WAYPOINTS.

COMMUNICATIONS:

DAL ATIS, REGIONAL APP CON.

AIRPORTS SERVED:

DALLAS LOVE FIELD, DALLAS, TX

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

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MNND0 RNAV	FOUR	MNND0.MNND04	THREE	31 MAR 2016	

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0).
REFERENCE MAGNETIC VARIATION = KDAL 03E/2020

FLIGHT INSPECTED BY:

Name	Organization	Date	Signature
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DEVELOPED BY:

CARY DAVIS	FORT WORTH ARTCC		
Name	Organization	Date	Signature

APPROVED BY:

GEORGE GONZALEZ, MANAGER	AJV-5420		
Name	Organization	Date	Signature

CHANGES:

1. MOVED CHEVE 2.8NM NNE INTO ZFW AIRSPACE.
2. MOVED MAJJK 3.1NM NNW INTO ZFW AIRSPACE.
3. MOVED PNUTS 5.2NM WNW INTO ZFW AIRSPACE.

REASONS:

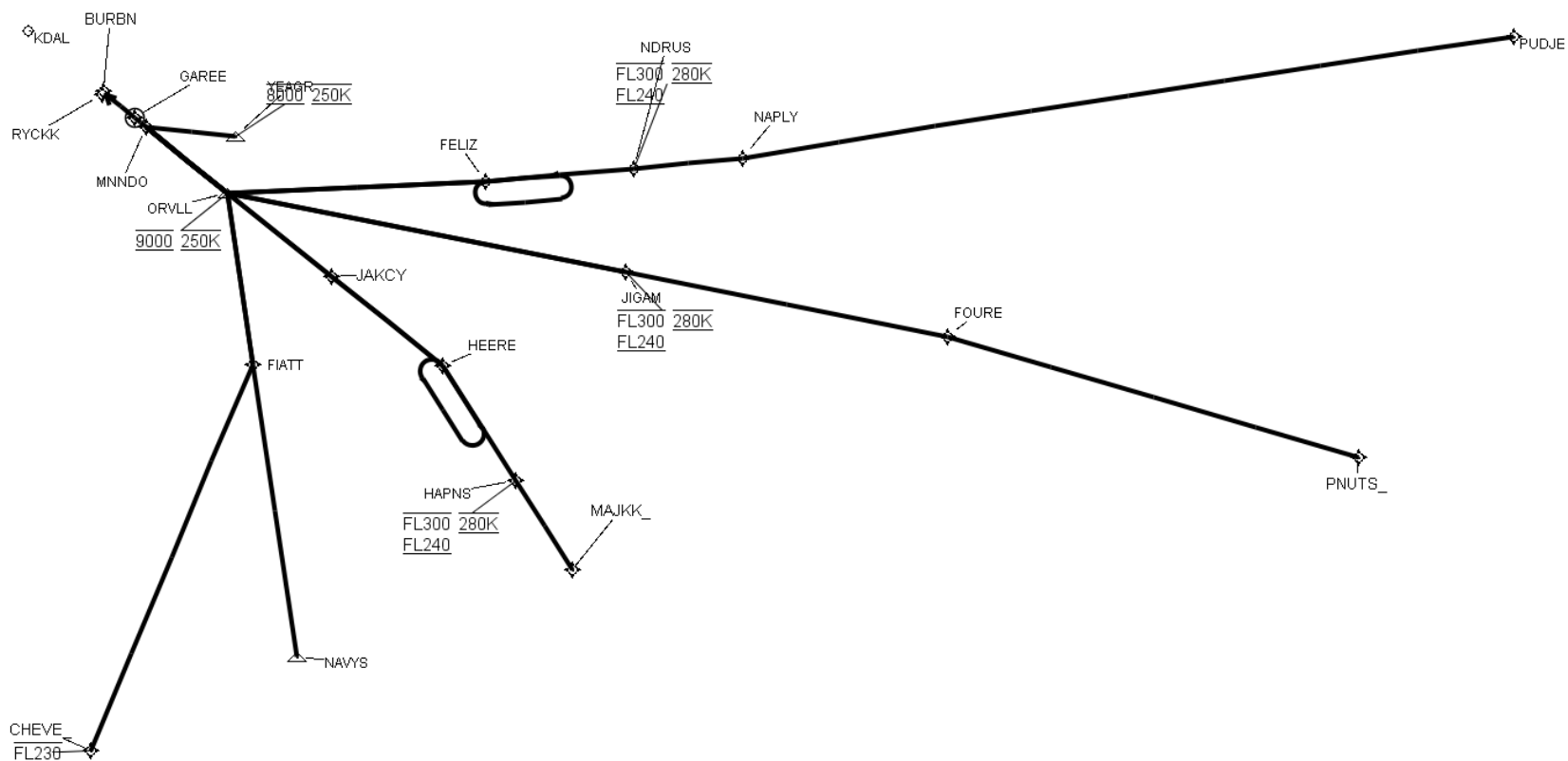
- 1-3. FOR COORDINATION AND AUTOMATION REQUIREMENTS

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MNND0 RNAV	FOUR	MNND0.MNND04	THREE	31 MAR 2016	

Graphic Depiction 1



STAR (DATA RECORD)

Arrival Name MNND0 RNAV	Number FOUR	STAR Computer Code MNND0.MNND04	Superseded Number THREE	Dated 31 MAR 2016	Effective Date				
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
CHEVE	311346.60N / 0965305.92W	Y		IF			AT/BELOW FL230		CHEVE.MNND04
FIATT	320305.56N / 0962103.12W	Y	FB	TF	028.93	56.30			
ORVLL	322620.57N / 0962213.31W	Y	FB	TF	357.56	23.22	AT 9000	AT 250K	
MNND0	323613.46N / 0963358.85W	Y	FB	TF	314.82	14.00			
En Route Transition									
FELIZ	322413.17N / 0954057.57W	Y		IF					FELIZ.MNND04
ORVLL	322620.57N / 0962213.31W	Y	FB	TF	273.66	34.99	AT 9000	AT 250K	
MNND0	323613.46N / 0963358.85W	Y	FB	TF	314.82	14.00			
En Route Transition									
HEERE	320015.71N / 0955056.92W	Y		IF					HEERE.MNND04
JAKCY	321343.65N / 0960702.43W	Y	FB	TF	314.59	19.17			
ORVLL	322620.57N / 0962213.31W	Y	FB	TF	314.45	18.00	AT 9000	AT 250K	
MNND0	323613.46N / 0963358.85W	Y	FB	TF	314.82	14.00			
En Route Transition									
JIGAM	321007.19N / 0952013.44W	Y		IF			FL240BFL300	AT 280K	JIGAM.MNND04
ORVLL	322620.57N / 0962213.31W	Y	FB	TF	287.40	54.98	AT 9000	AT 250K	
MNND0	323613.46N / 0963358.85W	Y	FB	TF	314.82	14.00			
En Route Transition									
MAJKK	313103.90N / 0953341.25W	Y		IF					MAJKK.MNND04
HAPNS	314346.49N / 0954108.78W	Y	FB	TF	333.37	14.19	FL240BFL300	AT 280K	
HEERE	320015.71N / 0955056.92W	Y	FB	TF	333.14	18.45			
JAKCY	321343.65N / 0960702.43W	Y	FB	TF	314.59	19.17			
ORVLL	322620.57N / 0962213.31W	Y	FB	TF	314.45	18.00	AT 9000	AT 250K	
MNND0	323613.46N / 0963358.85W	Y	FB	TF	314.82	14.00			

QUALITY

17

CHECKED

QUALITY
17
CHECKED

STAR (DATA RECORD)

Arrival Name MNND0 RNAV	Number FOUR	STAR Computer Code MNND0.MNND04	Superseded Number THREE	Dated 31 MAR 2016	Effective Date
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
NAVYS	312317.45N / 0961849.26W	Y		IF					NAVYS.MNND04
FIATT	320305.56N / 0962103.12W	Y	FB	TF	357.27	39.76			
ORVLL	322620.57N / 0962213.31W	Y	FB	TF	357.56	23.22	AT 9000	AT 250K	
MNND0	323613.46N / 0963358.85W	Y	FB	TF	314.82	14.00			

En Route Transition									
PNUTS	313623.54N / 0933219.90W	Y		IF					PNUTS.MNND04
FOURE	315655.93N / 0943019.05W	Y	FB	TF	292.78	53.51			
JIGAM	321007.19N / 0952013.44W	Y	FB	TF	287.46	44.41	FL240BFL300	AT 280K	
ORVLL	322620.57N / 0962213.31W	Y	FB	TF	287.40	54.98	AT 9000	AT 250K	
MNND0	323613.46N / 0963358.85W	Y	FB	TF	314.82	14.00			

En Route Transition									
PUDJE	322908.96N / 0925528.57W	Y		IF					PUDJE.MNND04
NAPLY	322345.27N / 0945951.04W	Y	FB	TF	267.63	105.39			
NDRUS	322354.89N / 0951720.23W	Y	FB	TF	270.70	14.81	FL240BFL300	AT 280K	
FELIZ	322413.17N / 0954057.57W	Y	FB	TF	270.98	20.00			
ORVLL	322620.57N / 0962213.31W	Y	FB	TF	273.66	34.99	AT 9000	AT 250K	
MNND0	323613.46N / 0963358.85W	Y	FB	TF	314.82	14.00			

En Route Transition									
YEAGR	323343.76N / 0961954.28W	Y		IF			AT 8000	AT 250K	YEAGR.MNND04
MNND0	323613.46N / 0963358.85W	Y	FB	TF	281.89	12.15			

Common Route									
MNND0	323613.46N / 0963358.85W	Y		IF					MNND0.MNND04
GAREE	323739.59N / 0963538.01W	Y	FO	TF	315.75	02.00			
KDAL				FM	315.75				RECOMMENDED NAVAID: AEX VORTAC17

QUALITY
CHECKED