

**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.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
<b>MONAA (RNAV)</b>	<b>THREE</b>	<b>MONAA.MONAA3</b>	<b>TWO</b>	<b>02/06/2014</b>	1 FEB 2018

**TRANSITION ROUTES:**

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
FASON	FASON.MONAA3	FASON	BUSAC	296.62	19.88	FL180			AT/BELOW FL230
		BUSAC	CESAM	296.45	18.02	10000			AT/ABOVE 10000
		CESAM	LOHNI	296.44	11.99	6000			AT/BELOW 10000, AT/ABOVE 7000
HOMNN	HOMNN.MONAA3	HOMNN	GOSEY	271.79	15.87	10000			AT/BELOW FL230
		GOSEY	COSOR	271.51	18.05	10000			AT/ABOVE 10000
		COSOR	LOHNI	271.33	11.99	6000			AT/BELOW 10000, AT/ABOVE 7000
MATCN	MATCN.MONAA3	MATCN	WARTZ	272.30	32.26	FL180			
		WARTZ	HOMNN	271.82	19.91	FL180			
		HOMNN	GOSEY	271.79	15.87	10000			AT/BELOW FL230
		GOSEY	COSOR	271.51	18.05	10000			AT/ABOVE 10000
		COSOR	LOHNI	271.33	11.99	6000			AT/BELOW 10000, AT/ABOVE 7000
ZOKER	ZOKER.MONAA3	ZOKER	TYMMY	227.05	17.61	FL180			AT/BELOW FL230
		TYMMY	JYSON	226.73	18.05	10000			AT/ABOVE 10000
		JYSON	LOHNI	227.00	12.00	6000			AT/BELOW 10000, AT/ABOVE 7000



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**ARRIVAL ROUTE DESCRIPTION:**

FROM OVER LOHNI ON TRACK 273 .10/4.51 NM TO MONAA (MEA 4000), THEN ON TRACK 272.43/10.98 NM TO ZAMET, CROSS ZAMET AT 6000 AT 210 KIAS (MEA 4000), THEN ON TRACK 272.43. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE

**PROCEDURAL DATA NOTES:**

NOTE: DESCEND VIA MACH NUMBER UNTIL TRANSITION TO 290 KIAS.

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DMEJIRU OR GPS REQUIRED.

NOTE: TURBOJET AIRCRAFT ONLY.

NOTE: ASSIGNED BY ATC ONLY.

CHART: CROSS TYMMY, GOSEY, BUSAC, CESAM, COSOR, AND JYSON AT 290 KIAS.

CHART: CROSS LOHNI AT 250 KIAS.

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING PATTERNS: GOSEY (HOLD E, LT, 271.51 INBOUND, 15 NM LEGS): TYMMY (HOLD NE, LT, 226.731NBOUND, 15 NM LEGS).

CHART FIX: COVIM.

**COMMUNICATIONS:**

APP CON

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<u>AIRPORTS SERVED:</u>	AIRPORT NAME	CITY	STATE
	MEMPHIS INTL	MEMPHIS	TN

**LOST COMMUNICATIONS PREFERENCES:****REMARKS:**

REQUEST NOTE "DESCEND VIA MACH NUMBER UNTIL TRANSITION TO 290 KIAS" BE LISTED FIRST IN CHART NOTES. MONAA THREE AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

**ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0).

REFERENCE MAGVAR: KMEM 1 W/2020.

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MONAA (RNAV)	THREE	MONAA.MONAA3	TWO	02/06/2014	1 FEB 2018

**FLIGHT INSPECTED BY:****ORGANIZATION:****DATE:**

FLIGHT INSPECTION REVIEW NOT REQUIRED-PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO,  
MAY 30, 2017.

Flight Inspected Signature:

*Digitally signed by*  
**ADOLFO D URRUTIA**  
Oct 24, 2017

**DEVELOPED BY:***Digitally signed by***LIAM DONAHUE**

AJV-5431

09/27/2017

Developed By Signature:

**APPROVED BY:**

Sep 27, 2017

PATRICK MULQUEEN

AJV-5430

Approved By Signature:

*Digitally signed by*  
**ADOLFO D URRUTIA**  
Oct 24, 2017

**CHANGES:**

1. INCREASED ALL COURSES AND HEADINGS 2 DEGREES.
2. CHANGED REFERENCE MAGVAR AND EPOCH YEAR IN ADDITIONAL FLIGHT DATA FROM 1E/2000 TO 1W/2020.
3. RECOMMENDED NAVAID CHANGED FROM MEM VORTAC TO SYI VOR/DME.

**REASONS:**

- 1, 2. AIRPORT MAGNETIC VARIATION CHANGED FROM 1 DEGREE EAST TO 1 DEGREE WEST.
3. REQUIRED DUE TO MAGNETIC VARIATION CHANGE.

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**Title:**



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

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
MONAA (RNAV)	THREE	MONAA.MONAA3	TWO	02/06/2014	1 FEB 2018

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
EN ROUTE TRANSITION									
FASON	344031.98N/0880926.98W	Y		IF					FASON.MONAA3
BUSAC	344906.72N/0883113.19W	Y	FB	TF	295.62	19.88	AT/BELOW FL230	290K	
CESAM	345650.56N/0885101.12W	Y	FB	TF	295.45	18.02	AT/ABOVE 10000	290K	
LOHNI	350159.30N/0890412.01W	Y	FB	TF	295.44	11.99	AT/BELOW 10000 AT/ABOVE 7000	250K	
EN ROUTE TRANSITION									
HOMNN	350136.84N/0880818.31W	Y		IF					HOMNN.MONAA3
GOSEY	350148.45N/0882737.37W	Y	FB	TF	270.79	15.87	AT/BELOW FL230	290K	
COSOR	350156.07N/0884935.83W	Y	FB	TF	270.51	18.05	AT/ABOVE 10000	290K	
LOHNI	350159.30N/0890412.01W	Y	FB	TF	270.33	11.99	AT/BELOW 10000 AT/ABOVE 7000	250K	
EN ROUTE TRANSITION									
MATCN	350044.75N/0870447.52W	Y		IF					MATCN.MONAA3
WARTZ	350122.24N/0874403.69W	Y	FB	TF	271.30	32.26			
HOMNN	350136.84N/0880818.31W	Y	FB	TF	270.82	19.91			
GOSEY	350148.45N/0882737.37W	Y	FB	TF	270.79	15.87	AT/BELOW FL230	290K	

QUALITY  
14  
CHECKED

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
COSOR	350156.07N/0884935.83W	Y	FB	TF	270.51	18.05	AT/ABOVE 10000	290K	
LOHNI	350159.30N/0890412.01W	Y	FB	TF	270.33	11.99	AT/BELOW 10000 AT/ABOVE 7000	250K	
EN ROUTE TRANSITION									
ZOKER	353514.65N/0882224.93W	Y		IF			AT/ABOVE FL240		ZOKER.MONAA3
TYMMY	352259.04N/0883755.33W	Y	FB	TF	226.05	17.61	AT/BELOW FL230	290K	
JYSON	351020.73N/0885341.34W	Y	FB	TF	225.73	18.05	AT/ABOVE 10000	290K	
LOHNI	350159.30N/0890412.01W	Y	FB	TF	226.00	12.00	AT/BELOW 10000 AT/ABOVE 7000	250K	
COMMON ROUTE									
LOHNI	350159.30N/0890412.01W	Y		IF			AT/BELOW 10000 AT/ABOVE 7000	250K	
MONAA	350209.10N/0890941.32W	Y	FB	TF	272.10	4.51			
ZAMET	350224.82N/0892303.28W	Y	FO	TF	271.43	10.98	6000	210K	
KMEM				FM	271.43				RECOMMENDED NAVAID: SYI VOR/DME

QUALITY  
14  
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