Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: STAR	Date Open: 12/14/2011	Task #: 2009100822838103013	Request #: 20091008228381
Procedure: STAR CONDR (RNAV) ONE MEMPHIS TN KMEM		Airport ID: KMEM	Airport: MEMPHIS INTL		Reimbursable #:
City: MEMPHIS	ST: TN	GPS #:		Estimated Chart Date: 07/26/2012	FICO #:
Fac ID:	Fac. Type: Proc D	Specialist: SEAN BARBEE			

Procedure Review

P1

	Rec'd	Rel'd	Full Name	Comments
Lead:	01/30/2012	05/07/2012	JAMES DUBOIS	DME / DME
QA:	05/07/2012	05/07/2012	STEVEN SZUKALA	
Liaison:	05/07/2012		Alfonso	DME/DME

ESV REQUEST INCLUDED

Procedure Comments: ENROUTE

Remark Type: INFORMATION

Pkg 1 of 11

MEMPHIS, TN MEMPHIS INTL (KMEM) CONDR ONE (RNAV) (STAR) ENROUTE-YES FC: 5.29.12 PUB: 7.26.12

ATTACHED FORMS: ESV REPORTS; 7100-4; 7100-3; 8260-2(S): CONDR, ORIG; EVLYN, ORIG; JFRED, ORIG; JOMAT, ORIG; TANSE, ORIG; WUKER, ORIG; YRBRO, ORIG; (INFO ONLY) FORT SMITH (FSM) VTAC, REV 14; LITTLE ROCK (LIT) VTAC, REV 16.

CONTACT: DON SMITH, AJV-352 LEAD, 405.954.1036:

CONDR ONE ARRIVAL (RNAV)
(CONDR.CONDR1) FIG

MEMPHIS APP CON
125.8 338.3
MEMPHIS INTL ATIS
127.75

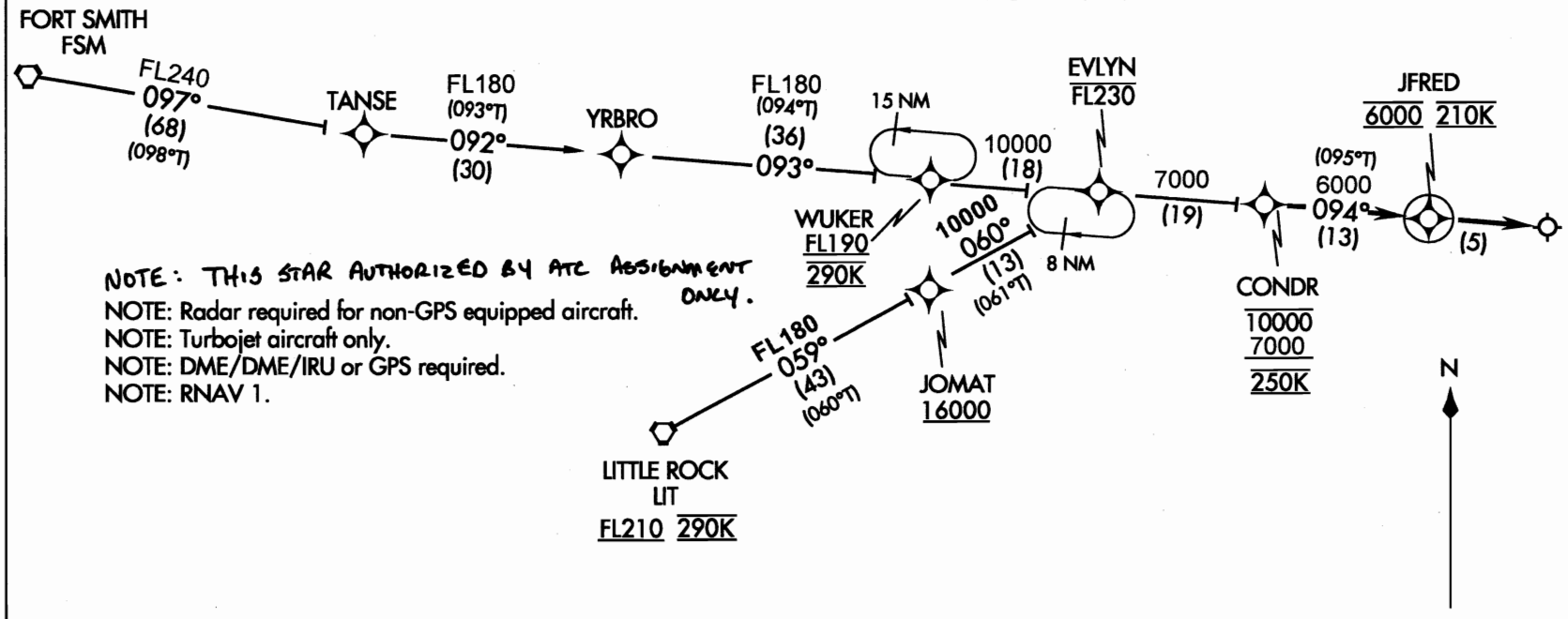
CONDR: 3506.434′/09048.875′
EVLYN: 3507.941′/09111.964′
FSM: 3523.305′/09416.292′
JFRED: 3505.361′/09033.086′
JOMAT: 3501.819′/09125.322′
LIT: 3440.660′/09210.832′
TANSE: 3513.703′/09253.983′
WUKER: 3509.301′/09133.850′
YRBRO: 3511.812′/08117.444′

FORT SMITH TRANSITION (FSM.CONDR1): From over FSM VORTAC on heading 097° to TANSE, then on heading 092° to YRBRO, then on heading 093° to CONDR, thence. . . .

LITTLE ROCK TRANSITION (LIT.CONDR1): From over LIT VORTAC on heading 059° to JOMAT, then on heading 060° to EVLYN, then on heading 093° to CONDR, thence. . . .

LANDING RWY 9: From over CONDR on 094° track to cross JFRED at 6000 at 210K, then on 094° track, expect radar vectors to final approach course.

PROTOTYPE - NOT FOR NAVIGATION



NOTE: THIS STAR AUTHORIZED BY ATC ASSIGNMENT ONLY.

NOTE: Radar required for non-GPS equipped aircraft.
NOTE: Turbojet aircraft only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.

NOTE: Chart not to scale.

MEMPHIS INTL (MEM)
MEMPHIS, TENNESSEE

(CONDR.CONDR1) FIG
CONDR ONE ARRIVAL (RNAV)
ST-253 (FAA)
MEMPHIS, TENNESSEE
MEMPHIS INTL (MEM)

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : LITTLE ROCK	City : LITTLE ROCK	Ident : LIT	State : AR
Type/Class : TACR	Frequency : M1173	Reference No.: 10082254	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704152-025	318	70	110	100	230

Requirement: DME COVERAGE FOR BEERT 5 RNAV STAR		
Signature: MILLER JERRY	Routing Symbol:	Date: 08/17/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704152-025	318	70	110	100	230	APPROVE

Requirement/Remarks: DME COVERAGE FOR BEERT 5 RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.		
Signature: Meza Michael	Routing Symbol:	Date: 08/19/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704152-025	318	70	110	100	230	APPROVE

Requirement/Remarks: DME COVERAGE FOR BEERT 5 RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.		
Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/23/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704152-025	318	70				

Requirement/Remarks:		
Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number : 5	Request Type : Establish	
Facility Data			
Chart Name : WALNUT RIDGE	City : WALNUT RIDGE	Ident : ARG	State : AR
Type/Class : TACR	Frequency : M1179	Reference No.: 10082255	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698164-016	138	260	78	60	230

Requirement: DME COVERAGE FOR BEERT 5 RNAV STAR		
Signature: MILLER JERRY	Routing Symbol:	Date: 08/17/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698164-016	138	260	78	60	230	APPROVE

Requirement/Remarks: DME COVERAGE FOR BEERT 5 RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.		
Signature: Meza Michael	Routing Symbol:	Date: 08/19/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698164-016	138	260	78	60	230	APPROVE

Requirement/Remarks: DME COVERAGE FOR BEERT 5 RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.		
Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/23/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698164-016	138	260				

Requirement/Remarks:		
Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : MEMPHIS	City : MEMPHIS	Ident : MEM	State : TN
Type/Class : TACR	Frequency : M1209	Reference No.: 10051053	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 772982-015	40	56	85	50	180

Requirement: DME COVERAGE ON LTOWN RNAV STAR		
Signature: MILLER JERRY	Routing Symbol:	Date: 05/18/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 772982-015	40	56	85	50	180	APPROVE

Requirement/Remarks: DME COVERAGE ON LTOWN RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.		
Signature: Cassella Charles	Routing Symbol:	Date: 05/19/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 772982-015	40	56	85	50	180	APPROVE

Requirement/Remarks: DME COVERAGE ON LTOWN RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.		
Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 05/19/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 772982-015	40	56				

Requirement/Remarks:		
Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : GILMORE	City : GILMORE	Ident : GQE	State : AR
Type/Class : DME	Frequency : M1164	Reference No.: 10082260	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 780927-019	286	305	45	50	180

Requirement: DME COVERAGE FOR BEERT 5 RNAV STAR		
Signature: MILLER JERRY	Routing Symbol:	Date: 08/17/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 780927-019	286	305	45	50	180	APPROVE

Requirement/Remarks: DME COVERAGE FOR BEERT 5 RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.		
Signature: Meza Michael	Routing Symbol:	Date: 08/20/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 780927-019	286	305	45	50	180	APPROVE

Requirement/Remarks: DME COVERAGE FOR BEERT 5 RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.		
Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/23/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 780927-019	286	305				

Requirement/Remarks:		
Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : GILMORE	City : GILMORE	Ident : GQE	State : AR
Type/Class : DME	Frequency : M1164	Reference No.: 10082259	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 780927-018	113	141	35	25	90

Requirement: DME COVERAGE FOR BEERT 5 RNAV STAR		
Signature: MILLER JERRY	Routing Symbol:	Date: 08/17/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 780927-018	113	141	35	25	90	APPROVE

Requirement/Remarks: DME COVERAGE FOR BEERT 5 RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.		
Signature: Meza Michael	Routing Symbol:	Date: 08/20/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 780927-018	113	141	35	25	90	APPROVE

Requirement/Remarks: DME COVERAGE FOR BEERT 5 RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.		
Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/23/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 780927-018	113	141				

Requirement/Remarks:		
Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : FOR CONDR ARRIVAL	City : WEST HELENA	Ident : UJM	State : AR
Type/Class : DME	Frequency : M994	Reference No.: 12028928	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 960996-030	347	54	60	30	100

Requirement: DME COVERAGE FOR KMEM CONDR ARRIVAL		
Signature: Barbee Sean	Routing Symbol: AJV-352	Date: 02/06/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 960996-030	347	54	60	30	100	APPROVE

Requirement/Remarks: DME COVERAGE FOR KMEM CONDR ARRIVALAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.		
Signature: gazi abdullahil	Routing Symbol:	Date: 02/14/2012

Expanded Service Volume Data: (Super FMO)

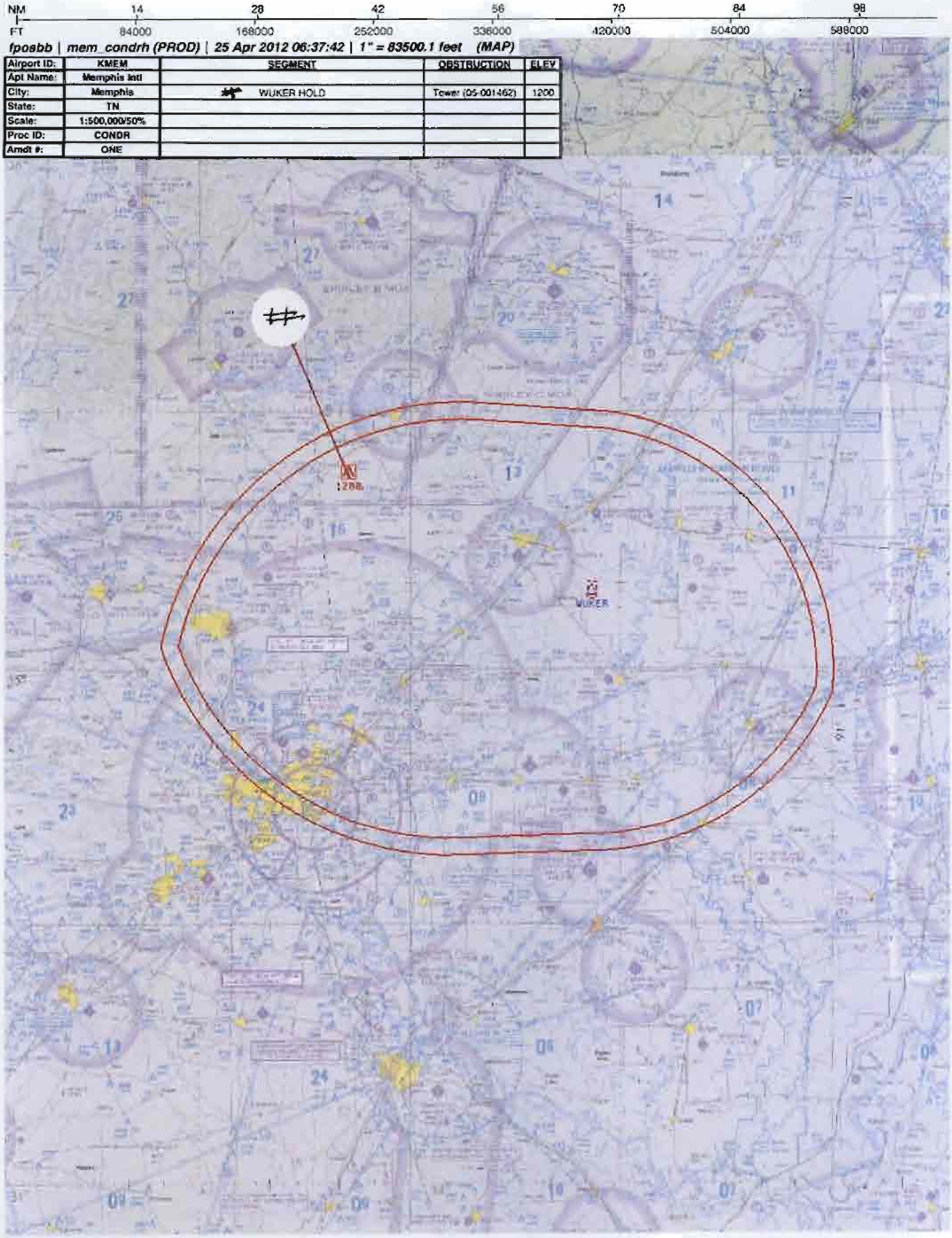
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 960996-030	347	54	60	30	100	APPROVE

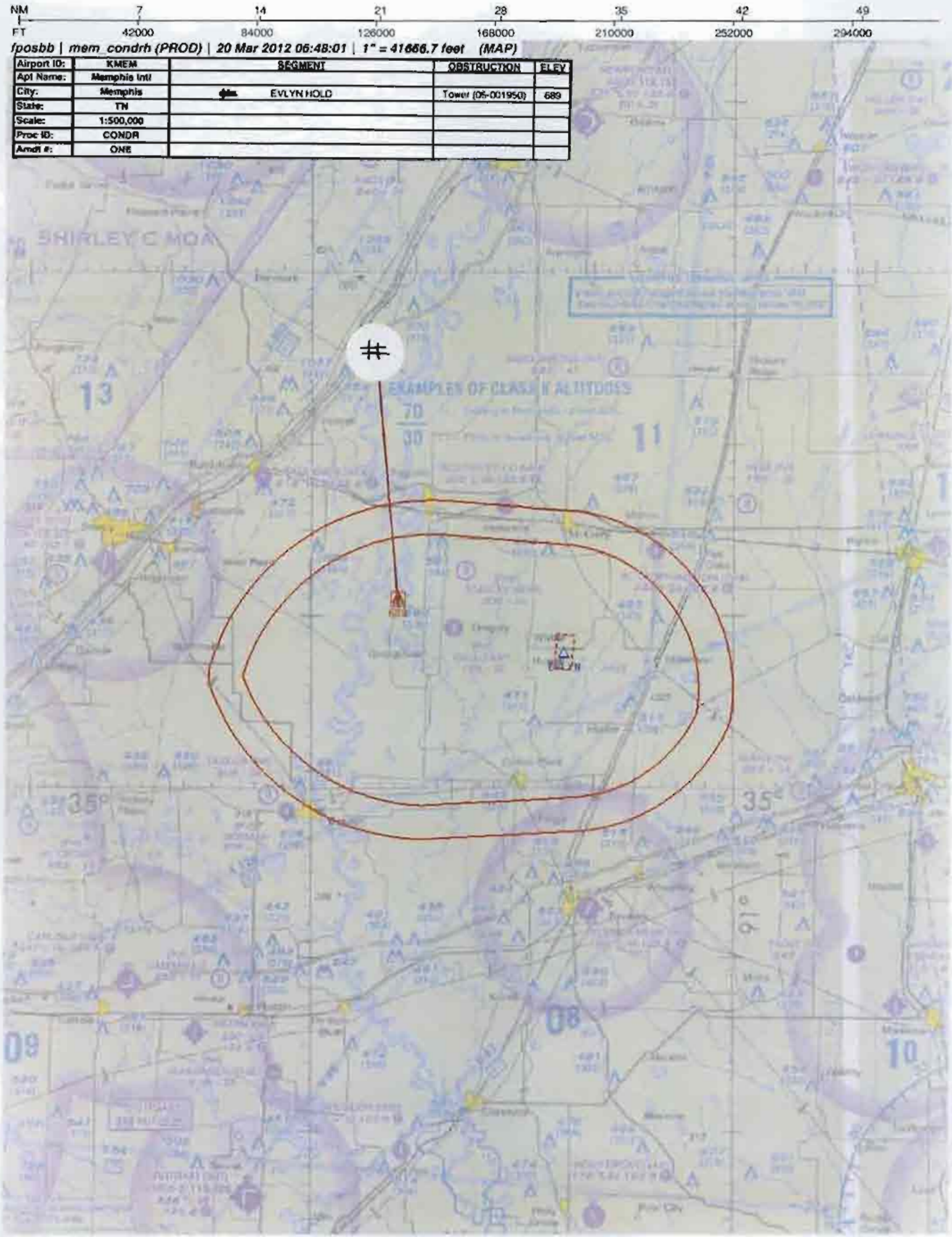
Requirement/Remarks: DME COVERAGE FOR KMEM CONDR ARRIVALAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.		
Signature: Hughes Dennis	Routing Symbol:	Date: 02/14/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 960996-030	347	54				

Requirement/Remarks:		
Signature:	Routing Symbol:	Date:


NM 14 28 42 56 70 84 98
FT 84000 168000 252000 336000 420000 504000 588000
fposbb | mem_condrh (PROD) | 25 Apr 2012 06:37:42 | 1" = 83500.1 feet (MAP)
Airport ID: KMEM
Apt Name: Memphis Intl
City: Memphis
State: TN
Scale: 1:500,000/50%
Proc ID: CONDR
Amdt #: ONE
SEGMENT
OBSTRUCTION
ELEV
WUKER HOLD
Tower (05-001462) 1200
WUKER


NM 7 14 21 28 35 42 49
FT 42000 84000 126000 168000 210000 252000 294000
fposbb | mem_condrh (PROD) | 20 Mar 2012 06:48:01 | 1" = 41666.7 feet (MAP)
Airport ID: KMEM
Apt Name: Memphis Intl
City: Memphis
State: TN
Scale: 1:500,000
Proc ID: CONDR
Amdt #: ONE
SEGMENT
EVLYN HOLD
OBSTRUCTION
Tower (05-001950)
ELEV
689
SHIRLEY C MOA
EXAMPLES OF CLASS K ALTITUDES
70
30
13
11
35°
35°
09
08
10

US Department of Transportation
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STAR - Standard Terminal Arrival

1. Bearings, headings, courses and radials are listed to the nearest hundredth (e.g. 360.00)
2. Distances are in nautical miles to nearest hundredth (e.g. 00.00)
3. Altitudes are minimum altitudes unless otherwise indicated

(1) Transition Routes

(a) Transition Name	(b) Transition Computer Codes	(c) From RNAV WP/ FIX/NAVAID	(d) To RNAV WP/ FIX/NAVAID	(e) Mag Course/ Distance	(f) MEA	(g) MOCA	(h) MAA	(i) Crossing Altitudes / Fixes
FORT SMITH	FSM.CONDR1	FSM VORTAC	TANSE	096.69/68.04	FL240			
		TANSE	YRBRO	092.45/30.00	FL180			
		YRBRO	WUKER	092.80/35.82	FL180			AT/ABOVE FL190
		WUKER	EVLYN	093.22/18.00	10000			AT/BELOW FL230
		EVLYN	CONDR	093.43/19.00	7000			AT/BELOW 10000, AT/ABOVE 7000
LITTLE ROCK	LIT.CONDR1	LIT VORTAC	JOMAT	059.36/43.00	FL180			AT/ABOVE 16000
		JOMAT	EVLYN	059.79/12.55	10000			AT/BELOW 230
		EVLYN	CONDR	093.43/19.00	7000			AT/BELOW 10000, AT/ABOVE 7000

(2) Arrival Route Description:

LANDING RWY 9: FROM OVER CONDR ON 093.65 TRACK TO CROSS JFRED AT 6000 AT 210 KIAS (MEA 6000), THEN ON 093.65 TRACK, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

(3) Procedural Data Notes:

NOTE: THIS STAR AUTHORIZED BY ATC ASSIGNMENT ONLY **NOTE:** RADAR REQUIRED; **NOTE:** TURBOJET AIRCRAFT ONLY; **NOTE:** DME/DME/IRU OR GPS REQUIRED; **NOTE:** RNAV 1; **CHART:** CROSS LIT VORTAC AT/ABOVE FL210 AT 290 KIAS; **CHART:** CROSS WUKER AT 290 KIAS; **CHART:** CROSS CONDR AT 250 KIAS.

(4) Fixes and/or Holding Patterns:

CHART HOLDING PATTERNS: EVLYN (HOLD W, RT, 093.22 INBOUND, 8 NM LEGS); WUKER (HOLD W, LT, 092.80 INBOUND, 15 NM LEGS).

(5) Communications: MEMPHIS APP CON; MEMPHIS INTL ATIS.

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
CONDR RNAV	ONE	CONDR.CONDR1	NEW		

(12) Airports Served			
Airport Name	MEMPHIS INTL	**City/State**	MEMPHIS, TN
Airport Name		**City/State**	
Airport Name		**City/State**	
Airport Name		**City/State**	
Airport Name		**City/State**	
Airport Name		**City/State**	

(13) Lost Communications Procedure:

(14) Remarks:

(15) Additional Flight Data: REFERENCE MAGVAR: KMEM 01E/2000.
DME/DME ASSESSMENT: SAT (RNP 2.0).

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
CONDR RNAV	ONE	CONDR.CONDR1	NEW		

(16) Continuation:

(17) Changes:
ORIGINAL

(18) Reasons for Changes:
EASTERN FPT REQUEST

06/06/2012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/19/2012.
ADDED NOTE: THIS STAR AUTHORIZED BY ATC ASSIGNMENT ONLY PER ATC REQUEST.

	Name *(Typed and Signed)*, Title and Organization		DATE
Developed By	JOHN HENSLEY, SUPPORT SPECIALIST, ZME		01/19/2012
Approved	**NFPO**	DARRYEL ADAMS, MANAGER, AJV-352	
	Reg. ATD		

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
CONDR RNAV	ONE	CONDR.CONDR1	NEW		

(19) Graphic Depiction:

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
CONDR RNAV	ONE	CONDR.CONDR1	NEW		

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

1. Bearings, headings, courses and radials are true and listed to the nearest hundredth (e.g. 360.00)
2. Distances are in nautical miles to nearest hundredth (e.g. 00.00)
3. Altitudes are minimum altitudes unless otherwise indicated

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
EN ROUTE TRANSITION									
FSM VORTAC	352318.30N/ 0941617.49W	Y		IF					FSM.CONDR1
TANSE	351342.80N/ 0925358.97W	Y	FB	TF	097.69	68.04			
YRBRO	351148.73N/ 0921726.63W	Y	FB	TF	093.45	30.00			
WUKER	350918.08N/ 0913351.01W	Y	FB	TF	093.80	35.82	AT/ABOVE FL190	AT 290K	
EVLYN	350756.48N/ 0911157.83W	Y	FB	TF	094.22	18.00	AT/BELOW FL230		
CONDR	350626.05N/ 0904852.51W	Y	FB	TF	094.43	19.00	AT/BELOW 10000 AT/ABOVE 7000	AT 250K	
EN ROUTE TRANSITION									
LIT VORTAC	344039.62N/ 0921049.90W	Y		IF			AT/ABOVE FL210	AT 290K	LIT.CONDR1
JOMAT	350149.14N/ 0912519.31W	Y	FB	TF	060.36	43.00	AT/ABOVE 16000		
EVLYN	350756.48N/ 0911157.83W	Y	FB	TF	060.79	12.55	AT/BELOW FL230		
CONDR	350626.05N/ 0904852.51W	T	FB	TF	094.43	19.00	AT/BELOW 10000 AT/ABOVE 7000	AT 250K	
RUNWAY TRANSITION									
CONDR	350626.05N/ 0904852.51W	Y		IF				AT 250K	
JFRED	350521.64N/ 0903305.16W	Y	FO	TF	094.65	13.00	AT 6000	AT 210K	
RWY 9				FM	094.65				

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
CONDR RNAV	ONE	CONDR.CONDR1	NONE		

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        FSM   K4011040VTLA N35231830W094161749    N35231830W094161749E0070004301     NARFORT SMITH
        SUSAD        LIT   K4011390VTHW N34403962W092104990    N34403962W092104990E0050002402     NARLITTLE ROCK
        SUSAD        MEM   K7011750VTHW N35005442W089585955    N35005442W089585955E0010003602     NARMEMPHIS

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CONDR K40    W     N35062605W090485251                    W0002     NAR          CONDR
        SUSAEAENRT   EVLYN K40    W     N35075648W091115783                    E0000     NAR          EVLYN
        SUSAEAENRT   JFRED K40    W     N35052164W090330516                    W0004     NAR          JFRED
        SUSAEAENRT   JOMAT K40    W     N35014914W091251931                    E0002     NAR          JOMAT
        SUSAEAENRT   TANSE K40    W     N35134280W092535897                    E0012     NAR          TANSE
        SUSAEAENRT   WUKER K40    W     N35091808W091335101                    E0003     NAR          WUKER
        SUSAEAENRT   YRBRO K40    W     N35114873W092172663                    E0008     NAR          YRBRO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7AMEM     0     111YHN35023270W089583600E001000341         1800018000C    MNAR    MEMPHIS INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7ECONDR14FSM   010FSM  K4D 0V       IF                                                  18000
        SUSAP KMEMK7ECONDR14FSM   020TANSEK4EA0E    010TF                    09670680
        SUSAP KMEMK7ECONDR14FSM   030YRBROK4EA0E    010TF                    09250300
        SUSAP KMEMK7ECONDR14FSM   040WUKERK4EA0E  H 010TF                    09280358    + FL190          290
        SUSAP KMEMK7ECONDR14FSM   050EVLYNK4EA0E  H 010TF                    09320180    - FL230
        SUSAP KMEMK7ECONDR14FSM   060CONDRK4EA0EE   010TF                    09340190    B 1000007000     250
        SUSAP KMEMK7ECONDR14LIT   010LIT  K4D 0V       IF                                + FL210     18000290
        SUSAP KMEMK7ECONDR14LIT   020JOMATK4EA0E    010TF                    05940430    + 16000
        SUSAP KMEMK7ECONDR14LIT   030EVLYNK4EA0E  H 010TF                    05980126    - FL230
        SUSAP KMEMK7ECONDR14LIT   040CONDRK4EA0EE   010TF                    09340190    B 1000007000     250
        SUSAP KMEMK7ECONDR16RW09  010CONDRK4EA0E       IF                                                18000250
        SUSAP KMEMK7ECONDR16RW09  020JFREDK4EA0EY   010TF                    09370130      06000          210
        SUSAP KMEMK7ECONDR16RW09  030JFREDK4EA0EE      FM MEM K7      278202830937    D     06000          210
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
CONDR RNAV	ONE	CONDR.CONDR1	NONE		

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7GRW09    0089460910 N35033104W089590863+0400    +00498002530000521501IMEM1
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
CONDR RNAV	ONE	CONDR.CONDR1	NONE		

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FSM	FSM	010		IF		FB					
	FSM	TANSE	020		TF		FB	1.0	096.7()	068.0		
	FSM	YRBRO	030		TF		FB	1.0	092.5()	030.0		
	FSM	WUKER	040		TF		FB	1.0	092.8()	035.8	AA FL190	AT 290
	FSM	EVLYN	050		TF		FB	1.0	093.2()	018.0	AB FL230	
	FSM	CONDR	060		TF		FB	1.0	093.4()	019.0	BT 1000007000	AT 250
	LIT	LIT	010		IF		FB				AA FL210	AT 290
	LIT	JOMAT	020		TF		FB	1.0	059.4()	043.0	AA 16000	
	LIT	EVLYN	030		TF		FB	1.0	059.8()	012.6	AB FL230	
	LIT	CONDR	040		TF		FB	1.0	093.4()	019.0	BT 1000007000	AT 250
	RW09	CONDR	010		IF		FB					AT 250
	RW09	JFRED	020		TF		FO	1.0	093.7()	013.0	AT 06000	AT 210
	RW09	JFRED	030		FM		FB		093.7()		AT 06000	AT 210

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FSM	N352318.30	W0941617.49	N3523.305	W09416.292
	LIT	N344039.62	W0921049.90	N3440.660	W09210.832
	MEM	N350054.42	W0895859.55	N3500.907	W08958.993
	CONDR	N350626.05	W0904852.51	N3506.434	W09048.875
	EVLYN	N350756.48	W0911157.83	N3507.941	W09111.964
	JFRED	N350521.64	W0903305.16	N3505.361	W09033.086
	JOMAT	N350149.14	W0912519.31	N3501.819	W09125.322
	TANSE	N351342.80	W0925358.97	N3513.713	W09253.983
	WUKER	N350918.08	W0913351.01	N3509.301	W09133.850
	YRBRO	N351148.73	W0921726.63	N3511.812	W09217.444
	RW09	N350331.04	W0895908.63	N3503.517	W08959.144

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00253	52

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
CONDR RNAV	ONE	CONDR.CONDR1	NONE		

FAA Form 7100-3 (9/02)

RADIO FIX AND HOLDING DATA RECORD

NAME: CONDR **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 350626.05N/0904852.51W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CONDR (RNAV)			KMEM	MEMPHIS	TN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/16/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME
ATC FACILITY: MEM APP CON
OTHER: EST FPO

RADIO FIX AND HOLDING DATA RECORD

NAME: EVLYN **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 350756.48N/0911157.83W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W		WP	273.22	093.22	R		8	10000	45000	11	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (05-001950)	351036.07N/0912349.30W	689	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CONDR (RNAV)		1	KMEM	MEMPHIS	TN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/16/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME
ATC FACILITY: MEM APP CON
OTHER: EST FPO

RADIO FIX AND HOLDING DATA RECORD

NAME: JFRED **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 350521.64N/0903305.16W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CONDR (RNAV)			KMEM	MEMPHIS	TN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/06/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME
ATC FACILITY: MEM APP CON
OTHER: EST FPO

RADIO FIX AND HOLDING DATA RECORD

NAME: JOMAT **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 350149.14N/0912519.31W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CONDR (RNAV)			KMEM	MEMPHIS	TN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/06/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME
ATC FACILITY: MEM APP CON
OTHER: EST FPO

RADIO FIX AND HOLDING DATA RECORD

NAME: TANSE **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 351342.80N/0925358.97W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CONDR (RNAV)			KMEM	MEMPHIS	TN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/06/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME
ATC FACILITY: MEM APP CON
OTHER: EST FPO

RADIO FIX AND HOLDING DATA RECORD

NAME: WUKER **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 350918.08N/0913351.01W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W		WP	272.80	092.80	L		15	18000	45000	28	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (05-001462)	352221.00N/0920824.00W	1200	1A

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST.

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CONDR (RNAV)		1	KMEM	MEMPHIS	TN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/06/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME
ATC FACILITY: MEM APP CON
OTHER: EST FPO

RADIO FIX AND HOLDING DATA RECORD

NAME: YRBRO **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 351148.73N/0921726.63W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CONDR (RNAV)			KMEM	MEMPHIS	TN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/06/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME
ATC FACILITY: MEM APP CON
OTHER: EST FPO

INFO ONLY
RADIO FIX AND HOLDING DATA RECORD

NAME: FORT SMITH VORTAC **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 352318.30N/0941617.49W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	FORT SMITH	FSM	VORTAC	L							17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE	FSM	VORTAC	046.00	226.00	R	1		2100	8000	4	8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	353112.00N/0941018.00W	1086	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BENTON			KVBT	BENTONVILLE	AR (US)
DP	RAZORBACK			KFYV	FAYETTEVILLE	AR (US)
DP	HIGHFILL			KXNA	FAYETTEVILLE/SPRINGDALE/ROGERS	AR (US)
DP	TAKEOFF MINIMUMS			K7M5	OZARK	AR (US)
DP	ROGERS			KROG	ROGERS	AR (US)
DP	SPRING			KASG	SPRINGDALE	AR (US)
DP	TULSA			KRVS	TULSA	OK (US)
DP	TULSA			KTUL	TULSA	OK (US)
DP	MEMPHIS			KMEM	MEMPHIS	TN (US)
EN ROUTE	V13					(US)
EN ROUTE	Q23					AR (US)
EN ROUTE	Q27					AR (US)
EN ROUTE	V272					AR (US)
EN ROUTE	V289					AR (US)
EN ROUTE	V303-532					AR (US)
EN ROUTE	V532					AR (US)
EN ROUTE	V534					AR (US)
EN ROUTE	V74					AR (US)
IAP	NDB-A			KH35	CLARKSVILLE	AR (US)
IAP	LDA/DME RWY 34			KFYV	FAYETTEVILLE	AR (US)
IAP	LOC RWY 16			KFYV	FAYETTEVILLE	AR (US)
IAP	VOR-A			KFYV	FAYETTEVILLE	AR (US)
IAP	VOR/DME-B			KFYV	FAYETTEVILLE	AR (US)
IAP	HI ILS OR LOC RWY 25			KFSM	FORT SMITH	AR (US)
IAP	HI VOR/DME OR TACAN RWY 07			KFSM	FORT SMITH	AR (US)
IAP	HI VOR/DME OR TACAN RWY 25			KFSM	FORT SMITH	AR (US)
IAP	ILS OR LOC RWY 07		1	KFSM	FORT SMITH	AR (US)
IAP	ILS OR LOC RWY 25			KFSM	FORT SMITH	AR (US)
IAP	NDB RWY 25			KFSM	FORT SMITH	AR (US)
IAP	VOR OR TACAN RWY 25			KFSM	FORT SMITH	AR (US)
IAP	VOR/DME OR TACAN RWY 07		1	KFSM	FORT SMITH	AR (US)
IAP	VOR/DME-A		1	K7M5	OZARK	AR (US)
IAP	ILS OR LOC RWY 18			KASG	SPRINGDALE	AR (US)
IAP	VOR RWY 18			KASG	SPRINGDALE	AR (US)
IAP	VOR/DME-A		1	KRKR	POTEAU	OK (US)
IAP	NDB-A			KJSV	SALLISAW	OK (US)
IAP	RNAV (GPS) RWY 17			KGZL	STIGLER	OK (US)
IAP	RNAV (GPS) RWY 35			KGZL	STIGLER	OK (US)
OTHER	PITCH/CATCH POINT			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	CONDR (RNAV)			KMEM	MEMPHIS	TN (US)
STAR	FNCHR (RNAV)			KMEM	MEMPHIS	TN (US)
STAR	SASIE			KGKY	ARLINGTON	TX (US)
STAR	FINGR			KADS	DALLAS	TX (US)
STAR	FINGR			KDAL	DALLAS	TX (US)
STAR	FINGR			KRBD	DALLAS	TX (US)
STAR	BONHAM			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE			KDTO	DENTON	TX (US)
STAR	SASIE			KAFW	FORT WORTH	TX (US)
STAR	SASIE			KFTW	FORT WORTH	TX (US)
STAR	SASIE			KFWS	FORT WORTH	TX (US)
STAR	SASIE			KNFW	FORT WORTH	TX (US)
STAR	SASIE			KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR			KLNC	LANCASTER	TX (US)
STAR	FINGR			KHQZ	MESQUITE	TX (US)

REQUIRED CHARTING: SECTIONAL, DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 05/05/2011

REASON FOR REVISION:
UPDATE COORDINATES.
UPDATED HOLDING CONTROLLING OBSTACLE (PAT 1).
MOVE "HOLDING LIMITED..." COMMENT TO HOLDING RESTRICTIONS.
UPDATE FIX USE.

DEVELOPED BY:	**DATE:** 11/17/2010	**OFFICE:** AVN-120	**NAME:** JOSE ALFONSO (ALLAN WILL)
APPROVED BY:	**DATE:** 03/21/2011	**OFFICE:** AVN-120	**NAME:** GREGORY YAMAMOTO
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME
ATC FACILITY: RZC APP CON
OTHER: MEM APP CON

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: LITTLE ROCK VORTAC **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 344039.62N/0921049.90W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LITTLE ROCK	LIT	VORTAC	H							45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE	LIT	VORTAC	152.00	332.00	R	1		2100	14000	4	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (05-000877)	343155.65N/0920241.61W	1424	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BENTON			KVBT	BENTONVILLE	AR (US)
DP	RAZORBACK			KFYV	FAYETTEVILLE	AR (US)
DP	HIGHFILL			KXNA	FAYETTEVILLE/SPRINGDALE/R	AR (US)
DP	ROGERS			KROG	ROGERS	AR (US)
DP	SPRING			KASG	SPRINGDALE	AR (US)
DP	LINDBERGH			KALN	ALTON/ST LOUIS	IL (US)
DP	LINDBERGH			KBLV	BELLEVILLE	IL (US)
DP	LINDBERGH			KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	LINDBERGH			KSTL	ST LOUIS	MO (US)
DP	LINDBERGH			KSUS	ST LOUIS	MO (US)
DP	JACKSON			KJAN	JACKSON	MS (US)
DP	CHLDR			KMEM	MEMPHIS	TN (US)
DP	MEMPHIS			KMEM	MEMPHIS	TN (US)
DP	LUFKIN			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	DALLAS			KGKY	ARLINGTON	TX (US)
DP	WYLIE			KGKY	ARLINGTON	TX (US)
DP	DALLAS			KADS	DALLAS	TX (US)
DP	WYLIE			KADS	DALLAS	TX (US)
DP	BACHMAN			KDAL	DALLAS	TX (US)
DP	DALLAS			KDAL	DALLAS	TX (US)
DP	WYLIE			KDAL	DALLAS	TX (US)
DP	DALLAS			KRBD	DALLAS	TX (US)
DP	WYLIE			KRBD	DALLAS	TX (US)
DP	DALLAS			KDFW	DALLAS-FORT WORTH	TX (US)
DP	NOBLY (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	WYLIE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	DALLAS			KDTO	DENTON	TX (US)
DP	DALLAS			KAFW	FORT WORTH	TX (US)
DP	WYLIE			KAFW	FORT WORTH	TX (US)
DP	DALLAS			KFTW	FORT WORTH	TX (US)
DP	DALLAS			KFWS	FORT WORTH	TX (US)
DP	DALLAS			KNFW	FORT WORTH	TX (US)
DP	LUFKIN			KGLS	GALVESTON	TX (US)
DP	DALLAS			KGPM	GRAND PRAIRIE	TX (US)
DP	LUFKIN			KAXH	HOUSTON	TX (US)
DP	LUFKIN			KCXO	HOUSTON	TX (US)
DP	LUFKIN			KDWH	HOUSTON	TX (US)
DP	LUFKIN			KEFD	HOUSTON	TX (US)
DP	LUFKIN			KEYQ	HOUSTON	TX (US)
DP	LUFKIN			KHOU	HOUSTON	TX (US)
DP	LUFKIN			KIAH	HOUSTON	TX (US)
DP	LUFKIN			KIWS	HOUSTON	TX (US)
DP	LUFKIN			KSGR	HOUSTON	TX (US)
DP	LUFKIN			KTME	HOUSTON	TX (US)
DP	LUFKIN			KT41	LA PORTE	TX (US)
DP	DALLAS			KLNC	LANCASTER	TX (US)
DP	DALLAS			KTKI	MC KINNEY	TX (US)
DP	DALLAS			KHQZ	MESQUITE	TX (US)
EN ROUTE	J101					(US)
EN ROUTE	J131					(US)
EN ROUTE	J137					(US)
EN ROUTE	J14					(US)

EN ROUTE	J180				(US)
EN ROUTE	J6				(US)
EN ROUTE	J6-14				(US)
EN ROUTE	J66				(US)
EN ROUTE	Q33				(US)
EN ROUTE	V124				(US)
EN ROUTE	V124-573				(US)
EN ROUTE	V305				(US)
EN ROUTE	V47				(US)
EN ROUTE	V532				(US)
EN ROUTE	V534				(US)
EN ROUTE	V54				(US)
EN ROUTE	V74				(US)
IAP	RNAV (GPS) RWY 7		KBVX	BATESVILLE	AR (US)
IAP	LOC/DME RWY 2		KSUZ	BENTON	AR (US)
IAP	VOR/DME RWY 9		K4M3	CARLISLE	AR (US)
IAP	NDB-A		KM03	CONWAY	AR (US)
IAP	ILS OR LOC RWY 5		KHOT	HOT SPRINGS	AR (US)
IAP	VOR RWY 5		KHOT	HOT SPRINGS	AR (US)
IAP	ZAPLE VOR RWY 5		KHOT	HOT SPRINGS	AR (US)
IAP	ILS OR LOC RWY 22L		KLIT	LITTLE ROCK	AR (US)
IAP	ILS OR LOC RWY 22R		KLIT	LITTLE ROCK	AR (US)
IAP	ILS OR LOC RWY 4L		KLIT	LITTLE ROCK	AR (US)
IAP	ILS OR LOC RWY 4R		KLIT	LITTLE ROCK	AR (US)
IAP	ILS RWY 22R (CAT II)		KLIT	LITTLE ROCK	AR (US)
IAP	ILS RWY 22R (CAT III)		KLIT	LITTLE ROCK	AR (US)
IAP	RNAV (GPS) RWY 18		KLIT	LITTLE ROCK	AR (US)
IAP	VOR-A		KLIT	LITTLE ROCK	AR (US)
IAP	LOC/DME RWY 5		KORK	NORTH LITTLE ROCK	AR (US)
IAP	VOR RWY 35	1	KORK	NORTH LITTLE ROCK	AR (US)
IAP	ILS OR LOC RWY 18		KPBF	PINE BLUFF	AR (US)
IAP	ILS OR LOC RWY 1		KSRC	SEARCY	AR (US)
IAP	ILS OR LOC RWY 36		KSGT	STUTTGART	AR (US)
IAP	RNAV (GPS) RWY 18		KSGT	STUTTGART	AR (US)
IAP	RNAV (GPS) RWY 9		KSGT	STUTTGART	AR (US)
OTHER	PITCH/CATCH POINT		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	CONDR (RNAV)		KMEM	MEMPHIS	TN (US)
STAR	MARVELL		KMEM	MEMPHIS	TN (US)
STAR	TAMMY (RNAV)		KMEM	MEMPHIS	TN (US)
STAR	FINGR		KDAL	DALLAS	TX (US)
STAR	BONHAM		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE		KAFW	FORT WORTH	TX (US)

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 **DATE OF REVISION:** 07/29/2010

REASON FOR REVISION:
ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED" TO REMARKS

DEVELOPED BY: **DATE:** 07/16/2009 **OFFICE:** AVN-120 **NAME:** THOMAS KIRKPATRICK

APPROVED BY: **DATE:** 02/26/2010 **OFFICE:** AVN-120 **NAME:** SUE CRUMB

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME
ATC FACILITY: LIT
OTHER:

Name:	MILLERJ
Project Name:	MEM CONDR1 LIT EVLYN 20120125
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	1/25/2012 4:33:24 PM
Input File:	CONDR LIT RW09 20120...
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✓
DME/DME	✓
Radars	✓
Comms	?
TERPS	?

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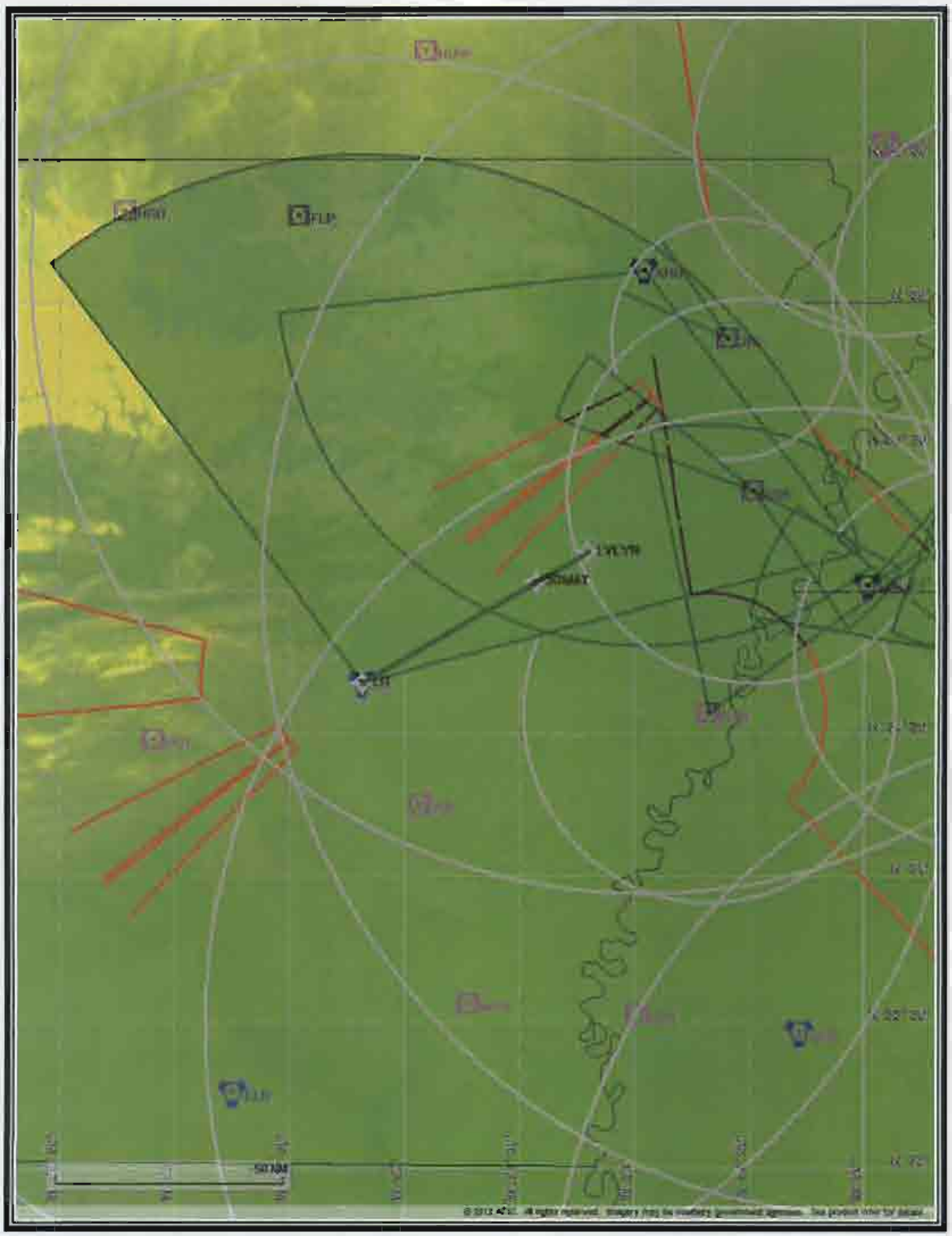


Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
LIT	WP	N 34° 40' 39.62" W 92° 10' 49.90"	18000.0	Step	300.0	Fly By	TF
JOMAT	WP	N 35° 1' 49.14" W 91° 25' 19.31"	18000.0	Step	290.0	Fly By	TF
EVLYN	WP	N 35° 7' 56.48" W 91° 11' 57.83"	16000.0	Step	250.0	Fly Over	TF

Flyability

Return To Summary

Settings:

Flight Type: Arrival/Approach
Aircraft Category: Cat D
Climb Gradient: *None assigned*
Ground Speeds:

Table:

200.0 Kts up to **11000.0 Ft.**
240.0 Kts up to **18000.0 Ft.**
260.0 Kts up to **24000.0 Ft.**
340.0 Kts up to **99900.0 Ft.**

Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Entire track is fly-able

DME/DME

Return To Summary

Settings:

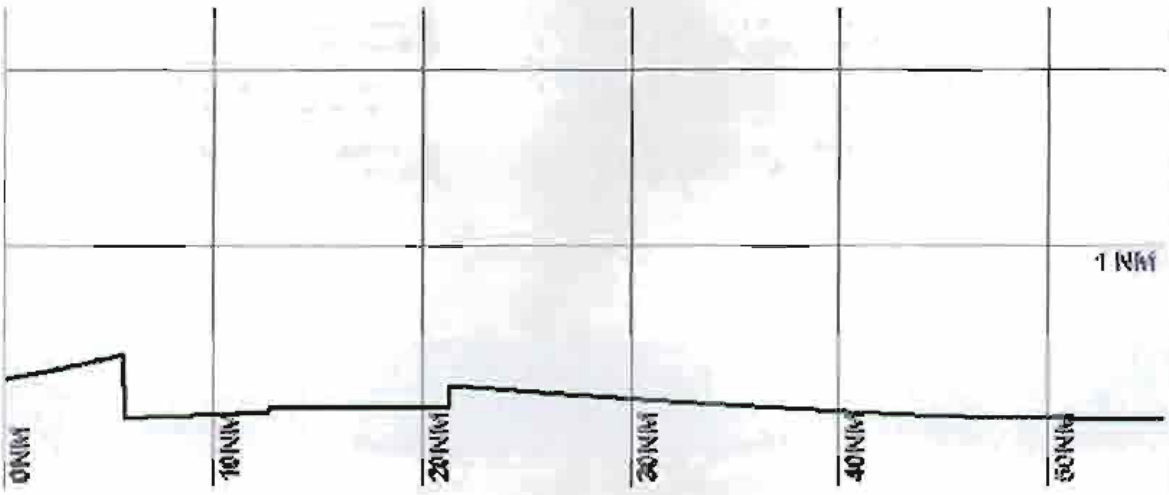
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 5

Maximum DME Error: 0.550 NM

No Critical DMEs were found.

Available DMEs: ELD, PBF, LIT, ARG, MEM, GQE



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ELD	N 33° 15' 22.15" W 92° 44' 38.21"	H	Database	NO	0.731	Enabled	10.1 %	10.1 %
2	PBF	N 34° 14' 48.33" W 91° 55' 34.23"	L	Database	NO	0.945	Enabled	37.7 %	38.3 %
3	LIT	N 34° 40' 39.62" W 92° 10' 49.90"	H + ESV	User	NO	0.593	Enabled	12.3 %	12.5 %
4	MEM	N 35° 0' 54.42" W 89° 58' 59.55"	H + ESV	User	NO	0.860	Enabled	77.7 %	77.3 %
5	ARG	N 36° 6' 35.95" W 90° 57' 13.23"	H + ESV	User	NO	1.414	Enabled	62.3 %	61.7 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	MEM	PBF	LIT	ARG	ELD	
43.0	MEM	GQE	LIT	ARG		

User DMEs

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	UJM	N 34° 34' 30.16" W 90° 40' 27.84"	L	240.8	109.60	UJM	Not Used
	Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 350.0° to 135.0°		Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.			
	ESV:	Bearing [True]: 348.0° to 55.0° Bearing [Mag]: 347.0° to 54.0°		Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 Ft.			
2	LIT	N 34° 40' 39.62" W 92° 10' 49.90"	H	240.0	113.90	LIT	Used
	Restriction:	Bearing [True]: 226.0° to 233.0° Bearing [Mag]: 221.0° to 228.0°		Distance: Beyond 20.0 NM Altitude: Below 2800.0 Ft.			
	Restriction:	Bearing [True]: 234.0° to 244.0° Bearing [Mag]: 229.0° to 239.0°		Distance: Beyond 20.0 NM Altitude: Below 2500.0 Ft.			
	Restriction:	Bearing [True]: 265.0° to 285.0° Bearing [Mag]: 260.0° to 280.0°		Distance: Beyond 35.0 NM Altitude: Below 5000.0 Ft.			
	ESV:	Bearing [True]: 323.0° to 75.0° Bearing [Mag]: 318.0° to 70.0°		Arc Distance: Out to 110.0 NM Altitude: 10000.0 to 23000.0 Ft.			

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
3	ARG	N 36° 6' 35.95" W 90° 57' 13.23"	H	260.0	114.50	ARG	Used
		ESV: Bearing [True]: 142.0° to 264.0° Bearing [Mag]: 138.0° to 260.0°			Arc Distance: Out to 78.0 NM Altitude: 6000.0 to 23000.0 Ft.		
4	HLI	N 34° 46' 12.95" W 89° 29' 47.39"	L	630.0	112.40	HLI	Not Used
		ESV: Bearing [True]: 280.0° to 309.0° Bearing [Mag]: 277.0° to 306.0°			Arc Distance: Out to 50.0 NM Altitude: 3000.0 to 18000.0 Ft.		
5	JBR	N 35° 52' 29.69" W 90° 35' 18.62"	T	247.0	108.60	JBR	Not Used
		Restriction: Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 349.0° to 134.0°			Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.		
		Restriction: Bearing [True]: 226.0° to 233.0° Bearing [Mag]: 224.0° to 231.0°			Distance: Beyond 20.0 NM Altitude: Below 2800.0 Ft.		
		Restriction: Bearing [True]: 234.0° to 244.0° Bearing [Mag]: 232.0° to 242.0°			Distance: Beyond 20.0 NM Altitude: Below 2500.0 Ft.		
		ESV: Bearing [True]: 293.0° to 325.0° Bearing [Mag]: 291.0° to 323.0°			Arc Distance: Out to 25.0 NM Altitude: 8000.0 to 23000.0 Ft.		
6	GQE	N 35° 20' 49.31" W 90° 28' 41.37"	L	211.0	113.00	GQE	Not Used
		ESV: Bearing [True]: 117.0° to 145.0° Bearing [Mag]: 113.0° to 141.0°			Arc Distance: Out to 35.0 NM Altitude: 2500.0 to 9000.0 Ft.		
		ESV: Bearing [True]: 290.0° to 309.0° Bearing [Mag]: 286.0° to 305.0°			Arc Distance: Out to 45.0 NM Altitude: 5000.0 to 18000.0 Ft.		
7	GHM	N 35° 50' 2.24" W 87° 27' 6.45"	L	770.0	111.60	GHM	Not Used
		ESV: Bearing [True]: 272.0° to 25.0° Bearing [Mag]: 269.0° to 22.0°			Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 18000.0 Ft.		
8	BNA	N 36° 8' 13.06" W 86° 41' 5.18"	H	565.8	114.10	BNA	Not Used
		ESV: Bearing [True]: 262.0° to 339.0° Bearing [Mag]: 264.0° to 341.0°			Arc Distance: Out to 104.0 NM Altitude: 10000.0 to 18000.0 Ft.		
9	MEM	N 35° 0' 54.42" W 89° 58' 59.55"	H	360.0	117.50	MEM	Used
		ESV: Bearing [True]: 41.0° to 57.0° Bearing [Mag]: 40.0° to 56.0°			Arc Distance: Out to 85.0 NM Altitude: 5000.0 to 18000.0 Ft.		
10	GQO	N 34° 57' 40.54" W 85° 9' 12.14"	H	1014.5	115.80	GQO	Not Used
		ESV: Bearing [True]: 301.0° to 315.0° Bearing [Mag]: 300.0° to 314.0°			Arc Distance: Out to 127.0 NM Altitude: 0.0 to 24000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
11	DYR	N 36° 1' 6.78" W 89° 19' 3.69"	L	388.7	116.80	DYR	Not Used
	ESV:	Bearing [True]: 88.0° to 202.0° Bearing [Mag]: 85.0° to 199.0°			Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 Ft.		
12	CKV	N 36° 37' 19.17" W 87° 24' 45.53"	T	544.0	110.60	CKV	Not Used
	ESV:	Bearing [True]: 126.0° to 209.0° Bearing [Mag]: 127.0° to 210.0°			Arc Distance: Out to 55.0 NM Altitude: 10000.0 to 18000.0 Ft.		
13	SQS	N 33° 27' 49.90" W 90° 16' 38.40"	H	125.0	114.70	SQS	Not Used
	ESV:	Bearing [True]: 303.0° to 350.0° Bearing [Mag]: 300.0° to 347.0°			Arc Distance: Out to 77.0 NM Altitude: 6500.0 to 23000.0 Ft.		
	ESV:	Bearing [True]: 110.0° to 200.0° Bearing [Mag]: 107.0° to 197.0°			Arc Distance: Out to 62.0 NM Altitude: 3200.0 to 19000.0 Ft.		
	ESV:	Bearing [True]: 246.0° to 288.0° Bearing [Mag]: 243.0° to 285.0°			Arc Distance: Out to 96.0 NM Altitude: 8500.0 to 19000.0 Ft.		
14	OTB	N 34° 13' 25.88" W 88° 47' 50.44"	L	363.7	109.80	OTB	Not Used
	Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 347.0° to 132.0°			Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.		
	ESV:	Bearing [True]: 291.0° to 298.0° Bearing [Mag]: 287.0° to 294.0°			Arc Distance: Out to 71.0 NM Altitude: 3200.0 to 15000.0 Ft.		
	ESV:	Bearing [True]: 15.0° to 90.0° Bearing [Mag]: 11.0° to 86.0°			Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 18000.0 Ft.		
15	IGB	N 33° 29' 7.75" W 88° 30' 48.93"	L	240.1	116.20	IGB	Not Used
	ESV:	Bearing [True]: 265.0° to 301.0° Bearing [Mag]: 261.0° to 297.0°			Arc Distance: Out to 96.0 NM Altitude: 8500.0 to 23000.0 Ft.		
	ESV:	Bearing [True]: 260.0° to 319.0° Bearing [Mag]: 256.0° to 315.0°			Arc Distance: Out to 98.0 NM Altitude: 8500.0 to 23000.0 Ft.		
16	MEI	N 32° 22' 42.43" W 88° 48' 15.31"	H	578.1	117.00	MEI	Not Used
	ESV:	Bearing [True]: 305.0° to 318.0° Bearing [Mag]: 300.0° to 313.0°			Arc Distance: Out to 109.0 NM Altitude: 12000.0 to 25000.0 Ft.		
17	HAB	N 34° 11' 55.57" W 88° 0' 41.83"	L	802.1	110.40	HAB	Not Used
	ESV:	Bearing [True]: 315.0° to 358.0° Bearing [Mag]: 313.0° to 356.0°			Arc Distance: Out to 73.0 NM Altitude: 10000.0 to 15000.0 Ft.		

DME/DME (Continued.)

Return To Summary

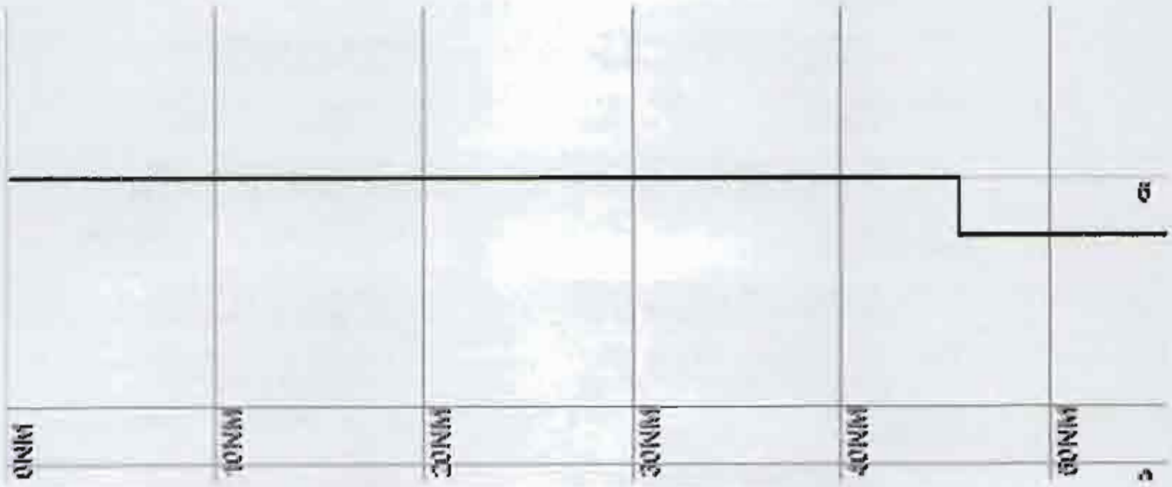
User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
18	MSL	N 34° 42' 24.68" W 87° 29' 29.70"	L	579.7	116.50	MSL	Not Used
	Restriction:	Bearing [True]: 47.0° to 85.0° Bearing [Mag]: 46.0° to 84.0°			Distance: Beyond 25.0 NM Altitude: Below 2000.0 Ft.		
	ESV:	Bearing [True]: 236.0° to 281.0° Bearing [Mag]: 235.0° to 280.0°			Arc Distance: Out to 90.0 NM Altitude: 7500.0 to 21000.0 Ft.		
	ESV:	Bearing [True]: 296.0° to 350.0° Bearing [Mag]: 295.0° to 349.0°			Arc Distance: Out to 82.0 NM Altitude: 12000.0 to 21000.0 Ft.		
19	JKS	N 35° 35' 56.36" W 88° 21' 31.96"	L	630.0	109.40	JKS	Not Used
	ESV:	Bearing [True]: 236.0° to 245.0° Bearing [Mag]: 234.0° to 243.0°			Arc Distance: Out to 73.0 NM Altitude: 4800.0 to 18000.0 Ft.		
	ESV:	Bearing [True]: 176.0° to 235.0° Bearing [Mag]: 174.0° to 233.0°			Arc Distance: Out to 84.0 NM Altitude: 6200.0 to 19000.0 Ft.		
20	MAW	N 36° 33' 18.41" W 89° 54' 41.12"	L	280.0	111.20	MAW	Not Used
	ESV:	Bearing [True]: 187.0° to 207.0° Bearing [Mag]: 184.0° to 204.0°			Arc Distance: Out to 86.0 NM Altitude: 4000.0 to 16000.0 Ft.		

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR



Name:	MILLERJ
Project Name:	MEM CONDR1 FSM JFRED 20120125
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	1/25/2012 4:24:01 PM
Input File:	CONDR FSM RW09 20120. .
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✓
DME/DME	✓
Radars	✓
Comms	?
TERPS	?

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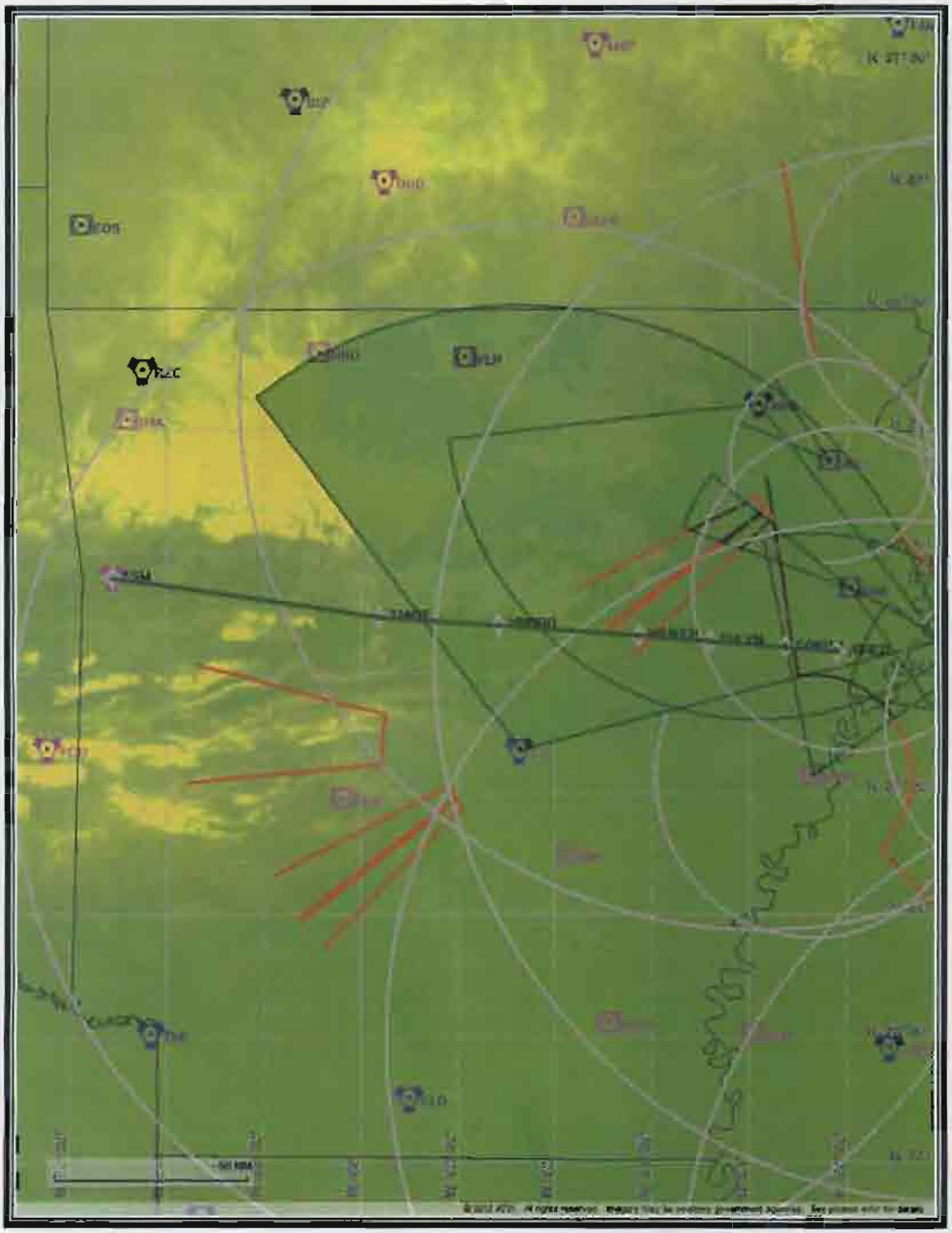


Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
FSM	WP	N 35° 23' 18.30" W 94° 16' 17.49"	24000.0	Step	300.0	Fly By	TF
TANSE	WP	N 35° 13' 42.80" W 92° 53' 58.97"	24000.0	Step	300.0	Fly By	TF
YRBRO	WP	N 35° 11' 48.73" W 92° 17' 26.63"	18000.0	Step	290.0	Fly By	TF
WUKER	WP	N 35° 9' 18.08" W 91° 33' 51.01"	18000.0	Step	290.0	Fly By	TF
EVLYN	WP	N 35° 7' 56.48" W 91° 11' 57.83"	10000.0	Step	250.0	Fly By	TF
CONDR	WP	N 35° 6' 26.05" W 90° 48' 52.51"	7000.0	Step	250.0	Fly By	TF
JFRED	WP	N 35° 5' 21.64" W 90° 33' 5.16"	6000.0	Step	210.0	Fly Over	TF

Flyability

Return To Summary

Settings:

Flight Type: Arrival/Approach
Aircraft Category: Cat D
Climb Gradient: *None assigned*
Ground Speeds:

Table:

200.0 Kts up to **11000.0 Ft.**
240.0 Kts up to **18000.0 Ft.**
260.0 Kts up to **24000.0 Ft.**
340.0 Kts up to **99900.0 Ft.**

Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Entire track is fly-able

DME/DME

Return To Summary

Settings:

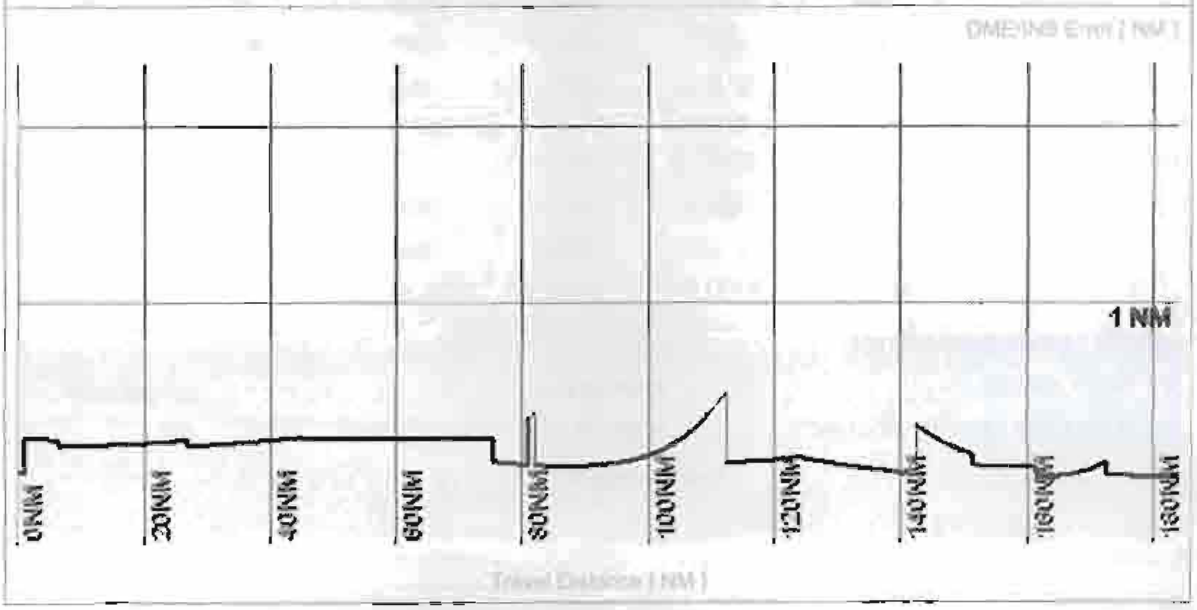
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
  Initial Drift: 0.558 NM
  INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 11

Maximum DME Error: 0.630 NM.

No Critical DMEs were found.

Available DMEs: LIT, EOS, OKM, RZC, TUL, TXK, SGF, ELD, ARG, MEM, GQE, UJM



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	OKM	N 35° 41' 35.20" W 95° 51' 57.50"	H	Database	NO	0.630	Enabled	16.9 %	21.5 %
2	RZC	N 36° 14' 47.13" W 94° 7' 17.00"	H	Database	NO	0.634	Enabled	0.5 %	0.6 %
3	LIT	N 34° 40' 39.62" W 92° 10' 49.90"	H + ESV	User	NO	1.260	Enabled	32.4 %	31.7 %
4	SGF	N 37° 21' 21.41" W 93° 20' 2.54"	H	Database	NO	0.630	Enabled	10.9 %	13.9 %
5	TXK	N 33° 30' 49.97" W 94° 4' 23.67"	H	Database	NO	0.630	Enabled	7.7 %	9.9 %
6	ARG	N 36° 6' 35.95" W 90° 57' 13.23"	H + ESV	User	NO	1.488	Enabled	54.8 %	53.9 %
7	EOS	N 36° 50' 32.81" W 94° 26' 8.52"	H	Database	NO	0.630	Enabled	13.8 %	16.6 %
8	ELD	N 33° 15' 22.15" W 92° 44' 38.21"	H	Database	NO	0.630	Enabled	0.0 %	0.0 %
9	MEM	N 35° 0' 54.42" W 89° 58' 59.55"	H + ESV	User	NO	1.579	Enabled	24.2 %	21.5 %
10	GQE	N 35° 20' 49.31" W 90° 28' 41.37"	L + ESV	User	NO	1.196	Enabled	15.4 %	11.6 %
11	UJM	N 34° 34' 30.16" W 90° 40' 27.84"	L + ESV	User	NO	0.630	Enabled	15.9 %	12.0 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	OKM	RZC	SGF	LIT	TXK	TUL
42.4	OKM	RZC	ARG	EOS	TXK	SGF
56.3	LIT	ELD	ARG	EOS	TXK	RZC
67.4	LIT	ELD	ARG	EOS	TXK	RZC
77.6	LIT	ELD	ARG	RZC	TXK	
98.0	LIT	MEM	ARG			
133.9	LIT	MEM	ARG	GQE		
151.8	LIT	UJM	ARG	GQE		
170.8	MEM	UJM	ARG	GQE		

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 35° 12' 55.79" W 92° 38' 31.44"	N 35° 12' 51.71" W 92° 37' 12.27"	1.1

VOR: LIT — Available from N 35° 12' 55.79" W 92° 38' 31.44" to N 35° 12' 51.71" W 92° 37' 12.27"

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments (Continued.)

#	Start Location	End Location	Length [NM]
2	N 35° 11' 2.75" W 92° 3' 36.92"	N 35° 10' 50.79" W 92° 0' 5.96"	2.9
	VOR: LIT	Available from N 35° 11' 2.75" W 92° 3' 36.92" to N 35° 10' 50.79" W 92° 0' 5.96"	
3	N 35° 8' 48.37" W 91° 25' 44.97"	N 35° 8' 39.66" W 91° 23' 23.92"	1.9
4	N 35° 8' 3.57" W 91° 13' 49.09"	N 35° 8' 2.80" W 91° 13' 36.93"	0.2
	VOR: GQE	Available from N 35° 8' 3.57" W 91° 13' 49.09" to N 35° 8' 2.80" W 91° 13' 36.93"	

User DMEs

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	UJM	N 34° 34' 30.16" W 90° 40' 27.84"	L	240.6	109.60	UJM	Used
	Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 350.0° to 135.0°		Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.			
	ESV:	Bearing [True]: 348.0° to 55.0° Bearing [Mag]: 347.0° to 54.0°		Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 Ft.			
2	LIT	N 34° 40' 39.62" W 92° 10' 49.90"	H	240.0	113.90	LIT	Used
	Restriction:	Bearing [True]: 226.0° to 233.0° Bearing [Mag]: 221.0° to 228.0°		Distance: Beyond 20.0 NM Altitude: Below 2800.0 Ft.			
	Restriction:	Bearing [True]: 234.0° to 244.0° Bearing [Mag]: 229.0° to 239.0°		Distance: Beyond 20.0 NM Altitude: Below 2500.0 Ft.			
	Restriction:	Bearing [True]: 265.0° to 285.0° Bearing [Mag]: 260.0° to 280.0°		Distance: Beyond 35.0 NM Altitude: Below 5000.0 Ft.			
	ESV:	Bearing [True]: 323.0° to 75.0° Bearing [Mag]: 318.0° to 70.0°		Arc Distance: Out to 110.0 NM Altitude: 10000.0 to 23000.0 Ft.			
3	ARG	N 36° 6' 35.95" W 90° 57' 13.23"	H	260.0	114.50	ARG	Used
	ESV:	Bearing [True]: 142.0° to 264.0° Bearing [Mag]: 138.0° to 260.0°		Arc Distance: Out to 78.0 NM Altitude: 6000.0 to 23000.0 Ft.			
4	HLI	N 34° 46' 12.95" W 89° 29' 47.39"	L	630.0	112.40	HLI	Not Used
	ESV:	Bearing [True]: 280.0° to 309.0° Bearing [Mag]: 277.0° to 306.0°		Arc Distance: Out to 50.0 NM Altitude: 3000.0 to 18000.0 Ft.			

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
5	JBR	N 35° 52' 29.69" W 90° 35' 18.62"	T	247.0	108.60	JBR	Not Used
	Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 349.0° to 134.0°			Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.		
	Restriction:	Bearing [True]: 226.0° to 233.0° Bearing [Mag]: 224.0° to 231.0°			Distance: Beyond 20.0 NM Altitude: Below 2800.0 Ft.		
	Restriction:	Bearing [True]: 234.0° to 244.0° Bearing [Mag]: 232.0° to 242.0°			Distance: Beyond 20.0 NM Altitude: Below 2500.0 Ft.		
	ESV:	Bearing [True]: 293.0° to 325.0° Bearing [Mag]: 291.0° to 323.0°			Arc Distance: Out to 25.0 NM Altitude: 8000.0 to 23000.0 Ft.		
6	GQE	N 35° 20' 49.31" W 90° 28' 41.37"	L	211.0	113.00	GQE	Used
	ESV:	Bearing [True]: 117.0° to 145.0° Bearing [Mag]: 113.0° to 141.0°			Arc Distance: Out to 35.0 NM Altitude: 2500.0 to 9000.0 Ft.		
	ESV:	Bearing [True]: 290.0° to 309.0° Bearing [Mag]: 286.0° to 305.0°			Arc Distance: Out to 45.0 NM Altitude: 5000.0 to 18000.0 Ft.		
7	GHM	N 35° 50' 2.24" W 87° 27' 6.45"	L	770.0	111.60	GHM	Not Used
	ESV:	Bearing [True]: 272.0° to 25.0° Bearing [Mag]: 269.0° to 22.0°			Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 18000.0 Ft.		
8	BNA	N 36° 8' 13.06" W 86° 41' 5.18"	H	565.8	114.10	BNA	Not Used
	ESV:	Bearing [True]: 262.0° to 339.0° Bearing [Mag]: 264.0° to 341.0°			Arc Distance: Out to 104.0 NM Altitude: 10000.0 to 18000.0 Ft.		
9	MEM	N 35° 0' 54.42" W 89° 58' 59.55"	H	360.0	117.50	MEM	Used
	ESV:	Bearing [True]: 41.0° to 57.0° Bearing [Mag]: 40.0° to 56.0°			Arc Distance: Out to 85.0 NM Altitude: 5000.0 to 18000.0 Ft.		
10	GQO	N 34° 57' 40.54" W 85° 9' 12.14"	H	1014.5	115.80	GQO	Not Used
	ESV:	Bearing [True]: 301.0° to 315.0° Bearing [Mag]: 300.0° to 314.0°			Arc Distance: Out to 127.0 NM Altitude: 0.0 to 24000.0 Ft.		
11	DYR	N 36° 1' 6.78" W 89° 19' 3.69"	L	388.7	116.80	DYR	Not Used
	ESV:	Bearing [True]: 88.0° to 202.0° Bearing [Mag]: 85.0° to 199.0°			Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 Ft.		
12	CKV	N 36° 37' 19.17" W 87° 24' 45.53"	T	544.0	110.60	CKV	Not Used
	ESV:	Bearing [True]: 126.0° to 209.0° Bearing [Mag]: 127.0° to 210.0°			Arc Distance: Out to 55.0 NM Altitude: 10000.0 to 18000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
13	SQS	N 33° 27' 49.90" W 90° 16' 38.40"	H	125.0	114.70	SQS	Not Used
		ESV:	Bearing [True]: 303.0° to 350.0° Bearing [Mag]: 300.0° to 347.0°		Arc Distance: Out to 77.0 NM Altitude: 6500.0 to 23000.0 Ft.		
		ESV:	Bearing [True]: 110.0° to 200.0° Bearing [Mag]: 107.0° to 197.0°		Arc Distance: Out to 62.0 NM Altitude: 3200.0 to 19000.0 Ft.		
		ESV:	Bearing [True]: 246.0° to 288.0° Bearing [Mag]: 243.0° to 285.0°		Arc Distance: Out to 96.0 NM Altitude: 8500.0 to 19000.0 Ft.		
14	OTB	N 34° 13' 25.88" W 88° 47' 50.44"	L	363.7	109.80	OTB	Not Used
		Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 347.0° to 132.0°		Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.		
		ESV:	Bearing [True]: 291.0° to 298.0° Bearing [Mag]: 287.0° to 294.0°		Arc Distance: Out to 71.0 NM Altitude: 3200.0 to 15000.0 Ft.		
		ESV:	Bearing [True]: 15.0° to 90.0° Bearing [Mag]: 11.0° to 86.0°		Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 18000.0 Ft.		
15	IGB	N 33° 29' 7.75" W 88° 30' 48.93"	L	240.1	116.20	IGB	Not Used
		ESV:	Bearing [True]: 265.0° to 301.0° Bearing [Mag]: 261.0° to 297.0°		Arc Distance: Out to 96.0 NM Altitude: 8500.0 to 23000.0 Ft.		
		ESV:	Bearing [True]: 260.0° to 319.0° Bearing [Mag]: 256.0° to 315.0°		Arc Distance: Out to 98.0 NM Altitude: 8500.0 to 23000.0 Ft.		
16	MEI	N 32° 22' 42.43" W 88° 48' 15.31"	H	578.1	117.00	MEI	Not Used
		ESV:	Bearing [True]: 305.0° to 318.0° Bearing [Mag]: 300.0° to 313.0°		Arc Distance: Out to 109.0 NM Altitude: 12000.0 to 25000.0 Ft.		
17	HAB	N 34° 11' 55.57" W 88° 0' 41.83"	L	802.1	110.40	HAB	Not Used
		ESV:	Bearing [True]: 315.0° to 358.0° Bearing [Mag]: 313.0° to 356.0°		Arc Distance: Out to 73.0 NM Altitude: 10000.0 to 15000.0 Ft.		
18	MSL	N 34° 42' 24.68" W 87° 29' 29.70"	L	579.7	116.50	MSL	Not Used
		Restriction:	Bearing [True]: 47.0° to 85.0° Bearing [Mag]: 46.0° to 84.0°		Distance: Beyond 25.0 NM Altitude: Below 2000.0 Ft.		
		ESV:	Bearing [True]: 236.0° to 281.0° Bearing [Mag]: 235.0° to 280.0°		Arc Distance: Out to 90.0 NM Altitude: 7500.0 to 21000.0 Ft.		
		ESV:	Bearing [True]: 296.0° to 350.0° Bearing [Mag]: 295.0° to 349.0°		Arc Distance: Out to 82.0 NM Altitude: 12000.0 to 21000.0 Ft.		

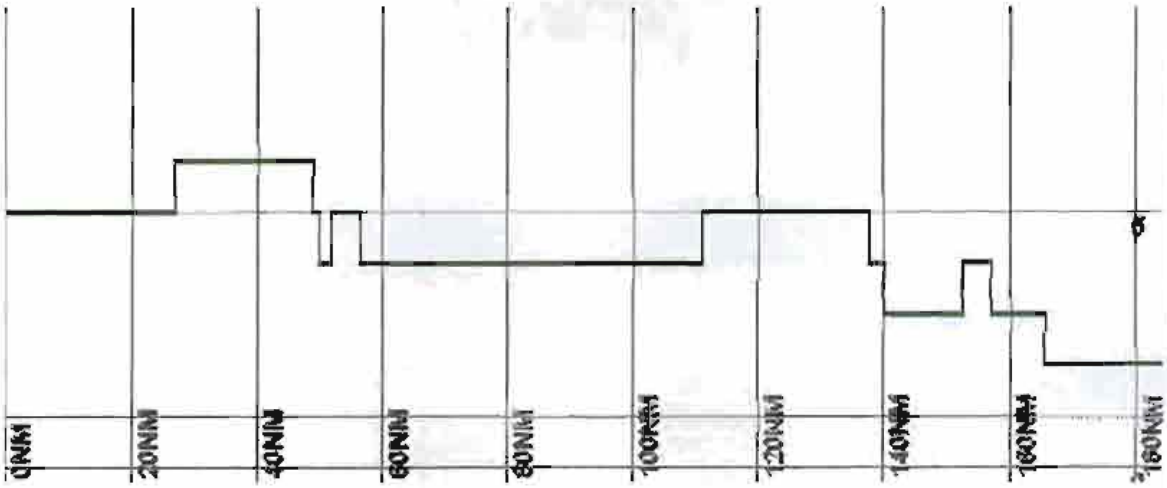
DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
19	JKS	N 35° 35' 56.36" W 88° 21' 31.96"	L	630.0	109.40	JKS	Not Used
		ESV: Bearing [True]: 236.0° to 245.0° Bearing [Mag]: 234.0° to 243.0°		Arc Distance: Out to 73.0 NM Altitude: 4800.0 to 18000.0 Ft.			
		ESV: Bearing [True]: 176.0° to 235.0° Bearing [Mag]: 174.0° to 233.0°		Arc Distance: Out to 84.0 NM Altitude: 6200.0 to 19000.0 Ft.			
20	MAW	N 36° 33' 18.41" W 89° 54' 41.12"	L	280.0	111.20	MAW	Not Used
		ESV: Bearing [True]: 187.0° to 207.0° Bearing [Mag]: 184.0° to 204.0°		Arc Distance: Out to 86.0 NM Altitude: 4000.0 to 16000.0 Ft.			

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR