Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: STAR	Date Open: 06/21/2011	Task #: 2010022218615334052	Request #: 20100222186153
Procedure: STAR HERKO (RNAV) SEVEN ATLANTA GA KATL		Airport ID: KATL	Airport: HARTSFIELD - JACKSON ATLANTA INTL		Reimbursable #:
City: ATLANTA	ST: GA	GPS #:		Estimated Chart Date: 11/15/2012	FICO #:
Fac ID: ATL	Fac. Type: Proc - D	Specialist: MICHAEL CURRAN			

Procedure Review

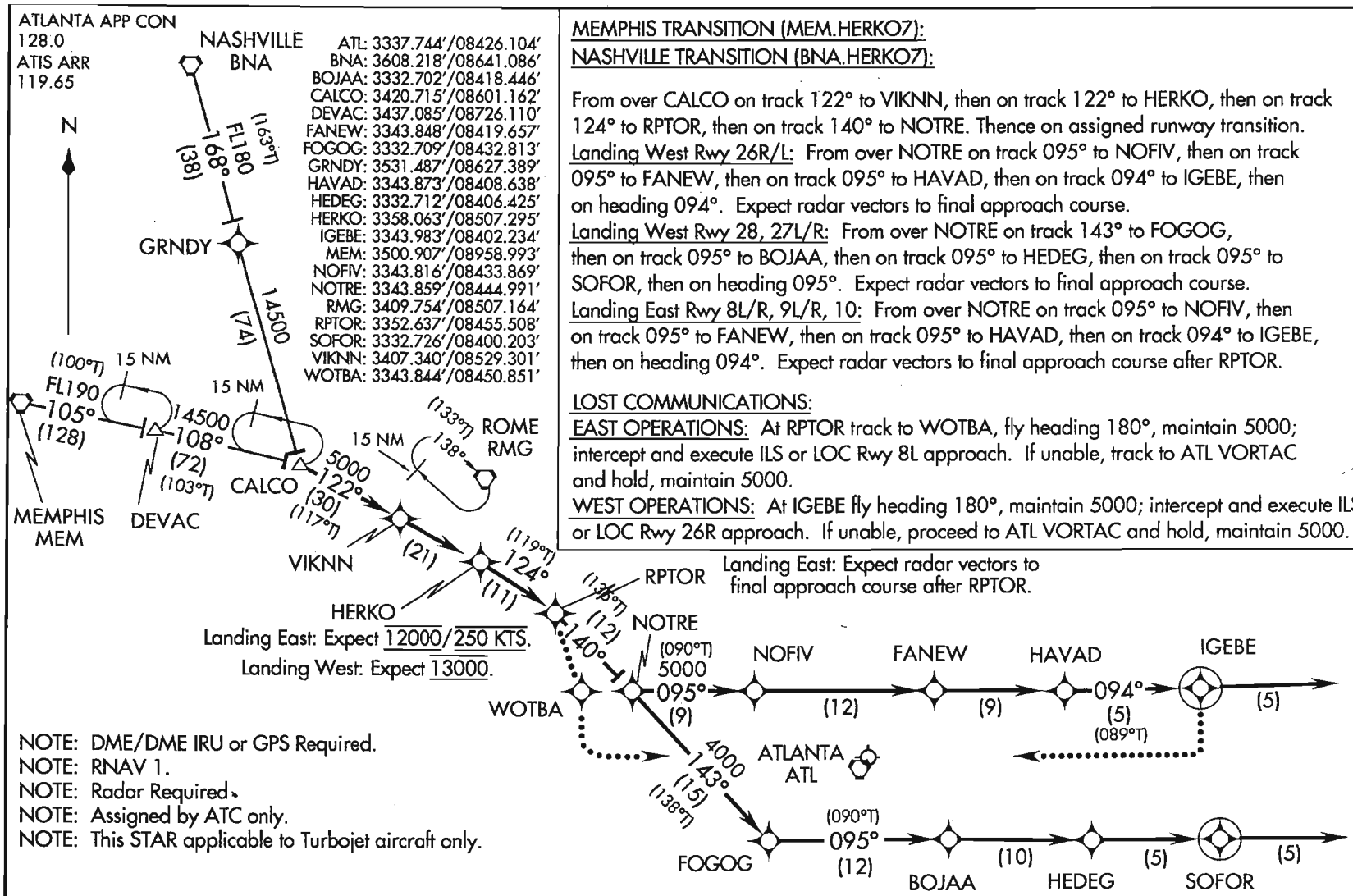
	Rec'd	Rel'd	Full Name	Comments
Lead:	04/12/2012	08/22/2012	DONALD SMITH	DME / DME P1
QA:	08/22/2012	08/22/2012	SANDY HOOD	ESV REQUEST INCLUDED
Liaison:	08/22/2012		Spurlin	P1 ESV'S SECOND PAGE

Procedure Comments: ENROUTE **Remark Type:** INFORMATION Pkg 4 of 7

ATLANTA, GA (ATL) HARTSFIELD-JACKSON ATLANTA INTL HERKO (RNAV) SEVEN (STAR) ENROUTE-YES FC: 9.18.12 PUB DATE: 11.15.12

ATTACHED FORMS: 7100-4; 7100-3; 8260-2(S): (INFO) BOJAA, GA-REV 4; CALCO, AL-REV 10; DEVAC, AL-REV 9; FANEW, GA-REV 3; FOGOG, GA-REV 2; GRNDY, TN-REV 1; HAVAD, GA-REV 2; HEDEG, GA-REV 2; HERKO, GA-REV 1; IGEBE, GA-REV 5; MEMPHIS VTAC, TN-REV 9; NASHVILLE VTAC, TN-REV 18; NOFIV, GA-REV 3; NOTRE, GA-REV 2; ROME VTAC, GA-REV 21; RPTOR, GA-REV 1; SOFOR, GA-REV 3; VIKNN, AL-REV 1; WOTBA, GA-REV 3.

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036/405.954.3636.



ATL: 3337.744'/08426.104'
BNA: 3608.218'/08641.086'
BOJAA: 3332.702'/08418.446'
CALCO: 3420.715'/08601.162'
DEVAC: 3437.085'/08726.110'
FANEW: 3343.848'/08419.657'
FOGOG: 3332.709'/08432.813'
GRNDY: 3531.487'/08627.389'
HAVAD: 3343.873'/08408.638'
HEDEG: 3332.712'/08406.425'
HERKO: 3358.063'/08507.295'
IGEBE: 3343.983'/08402.234'
MEM: 3500.907'/08958.993'
NOFIV: 3343.816'/08433.869'
NOTRE: 3343.859'/08444.991'
RMG: 3409.754'/08507.164'
RPTOR: 3352.637'/08455.508'
SOFOR: 3332.726'/08400.203'
VIKNN: 3407.340'/08529.301'
WOTBA: 3343.844'/08450.851'

MEMPHIS TRANSITION (MEM.HERKO7):
NASHVILLE TRANSITION (BNA.HERKO7):

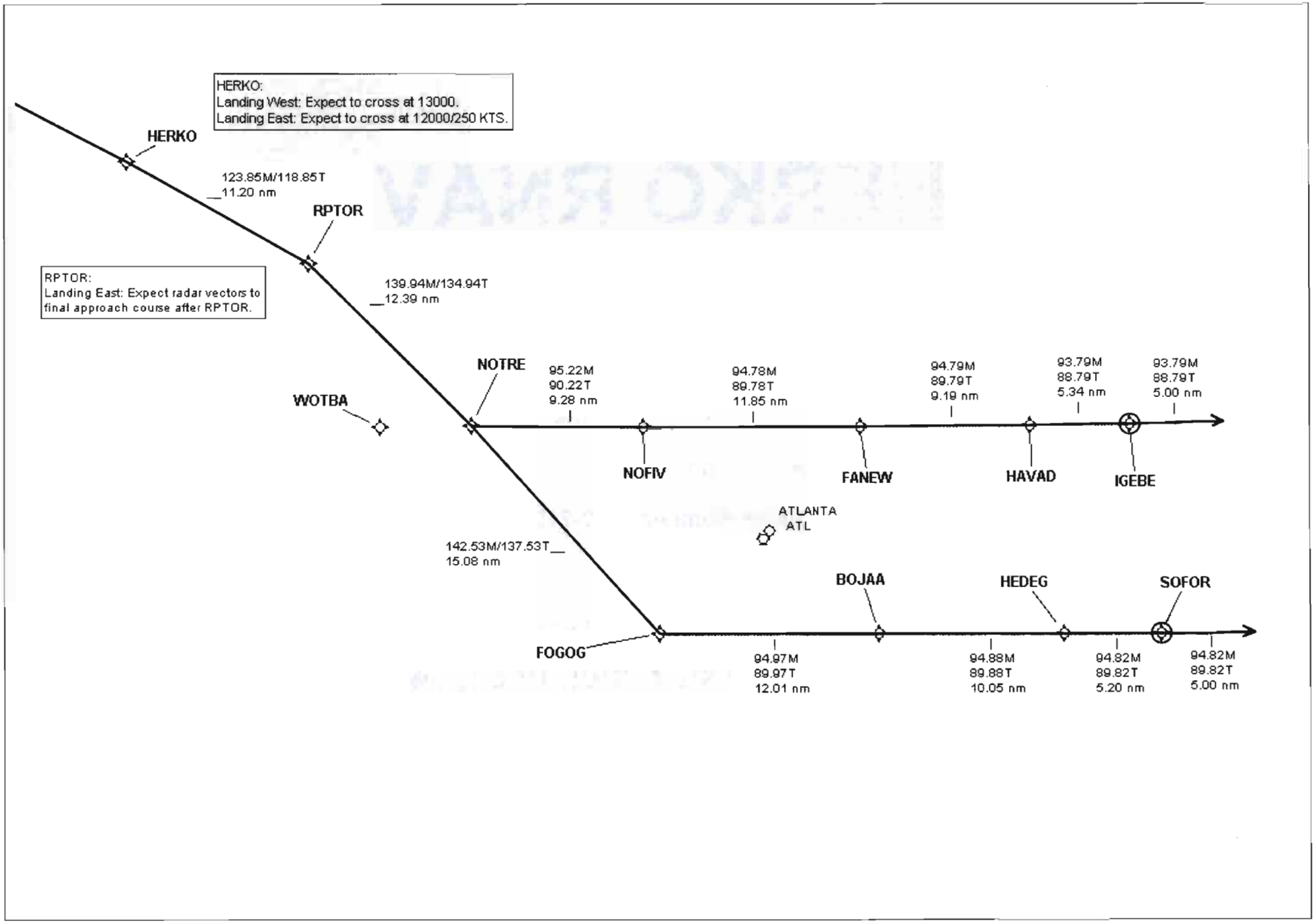
From over CALCO on track 122° to VIKNN, then on track 122° to HERKO, then on track 124° to RPTOR, then on track 140° to NOTRE. Thence on assigned runway transition.
Landing West Rwy 26R/L: From over NOTRE on track 095° to NOFIV, then on track 095° to FANEW, then on track 095° to HAVAD, then on track 094° to IGEBE, then on heading 094°. Expect radar vectors to final approach course.
Landing West Rwy 28, 27L/R: From over NOTRE on track 143° to FOGOG, then on track 095° to BOJAA, then on track 095° to HEDEG, then on track 095° to SOFOR, then on heading 095°. Expect radar vectors to final approach course.
Landing East Rwy 8L/R, 9L/R, 10: From over NOTRE on track 095° to NOFIV, then on track 095° to FANEW, then on track 095° to HAVAD, then on track 094° to IGEBE, then on heading 094°. Expect radar vectors to final approach course after RPTOR.

LOST COMMUNICATIONS:
EAST OPERATIONS: At RPTOR track to WOTBA, fly heading 180°, maintain 5000; intercept and execute ILS or LOC Rwy 8L approach. If unable, track to ATL VORTAC and hold, maintain 5000.
WEST OPERATIONS: At IGEBE fly heading 180°, maintain 5000; intercept and execute ILS or LOC Rwy 26R approach. If unable, proceed to ATL VORTAC and hold, maintain 5000.

NOTE: DME/DME IRU or GPS Required.
NOTE: RNAV 1.
NOTE: Radar Required.
NOTE: Assigned by ATC only.
NOTE: This STAR applicable to Turbojet aircraft only.

PROTOTYPE-NOT FOR NAVIGATION

NOTE: Chart not to scale.



HERKO RNAV

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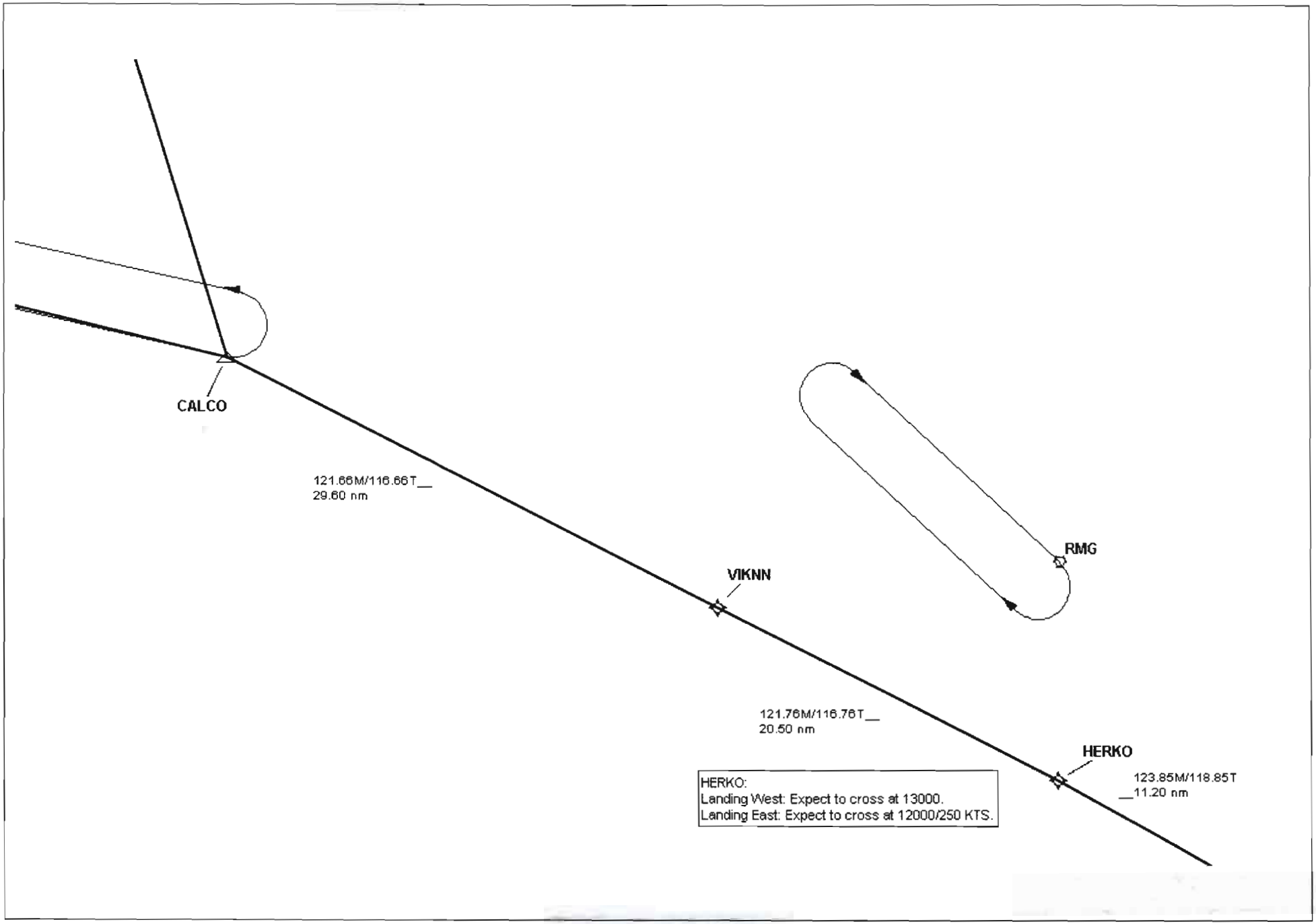

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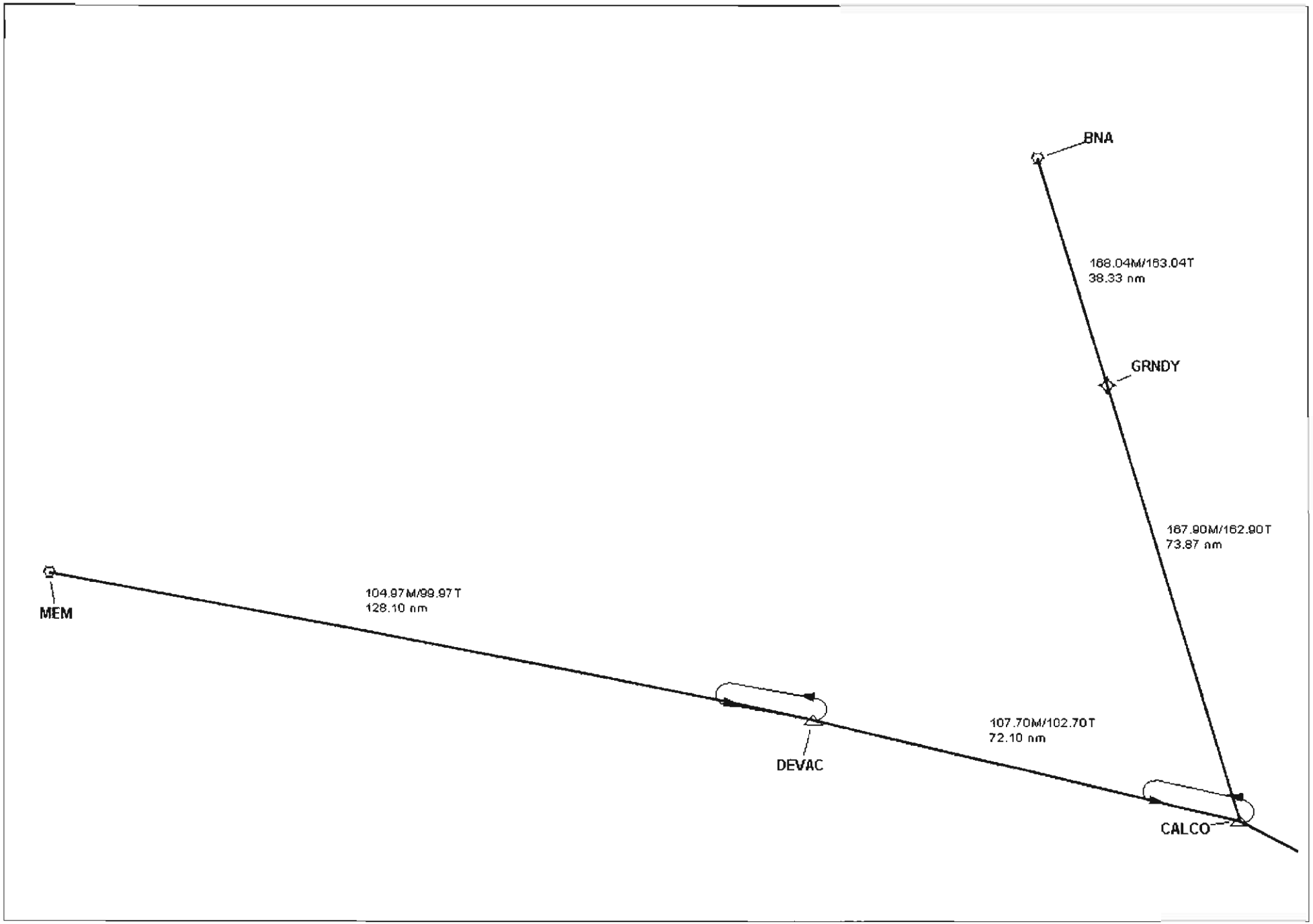

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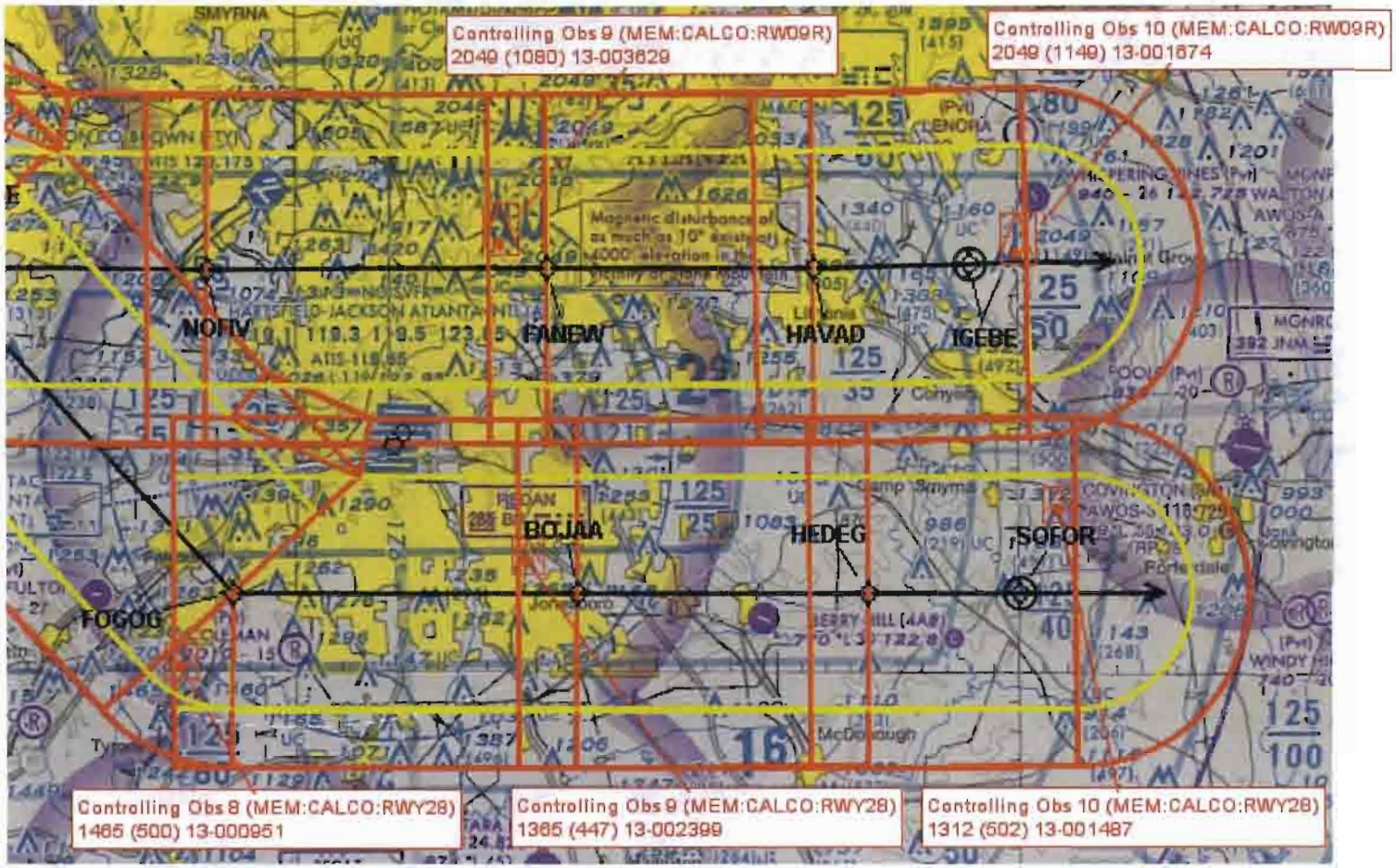

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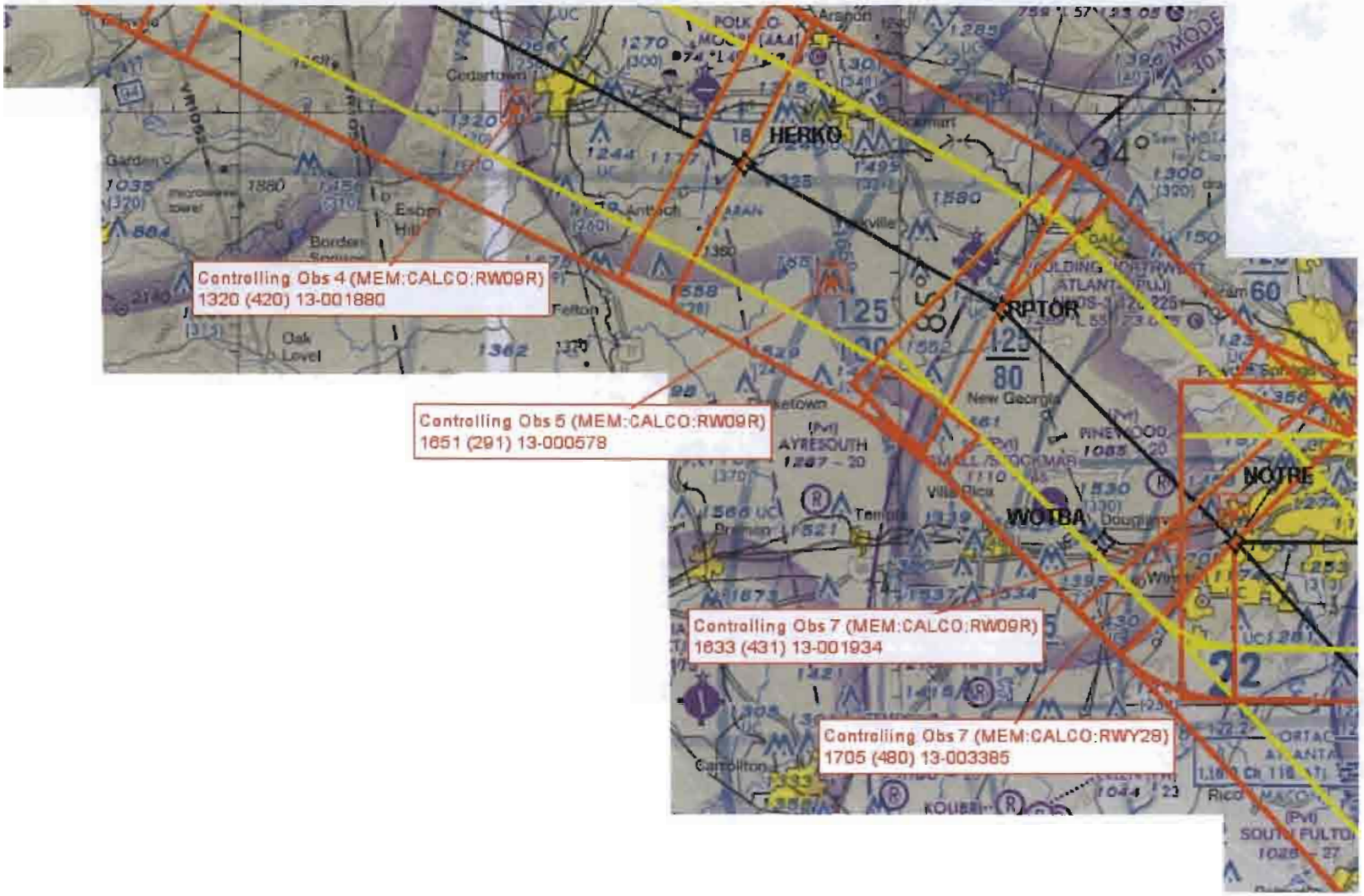

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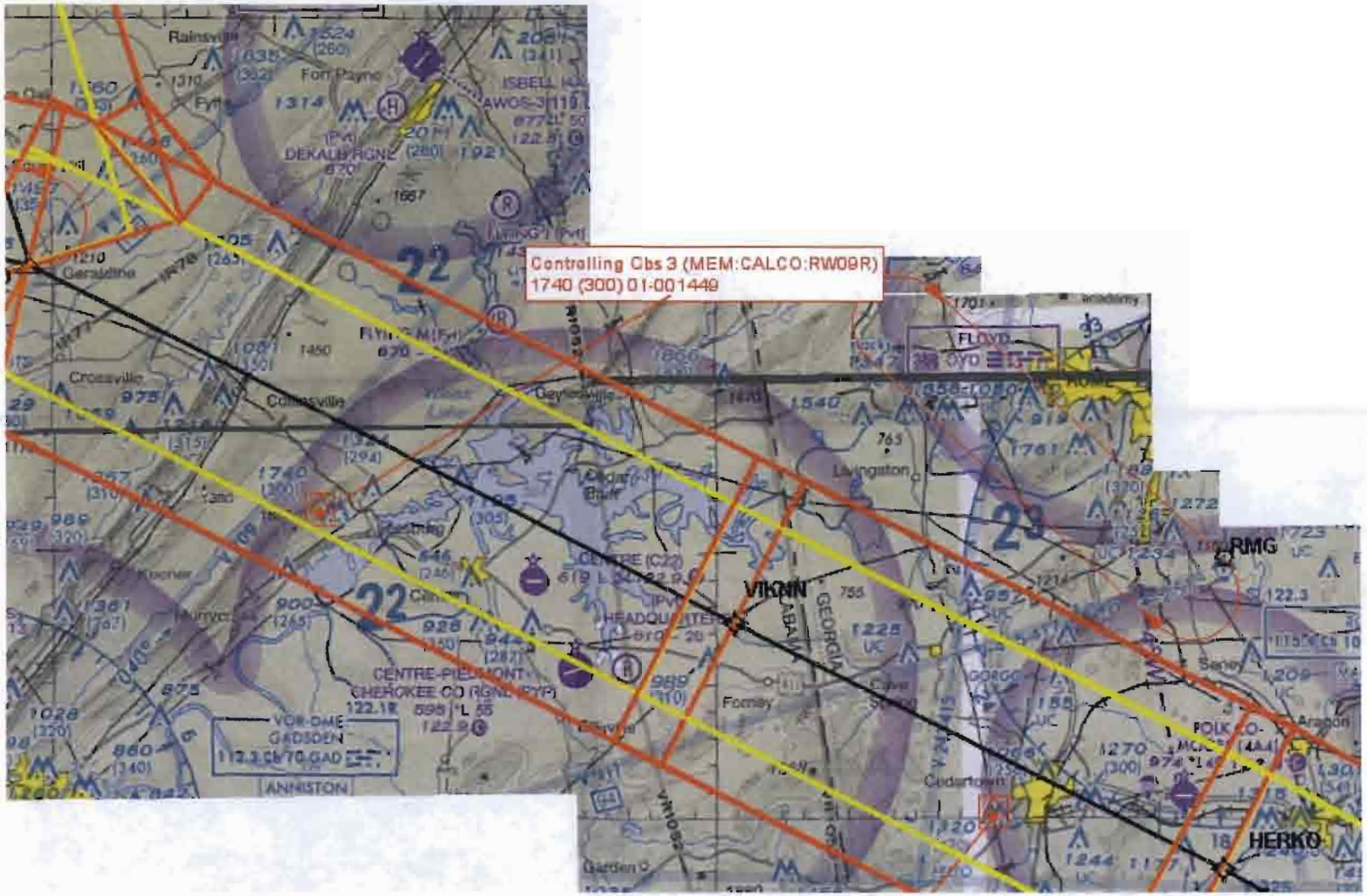

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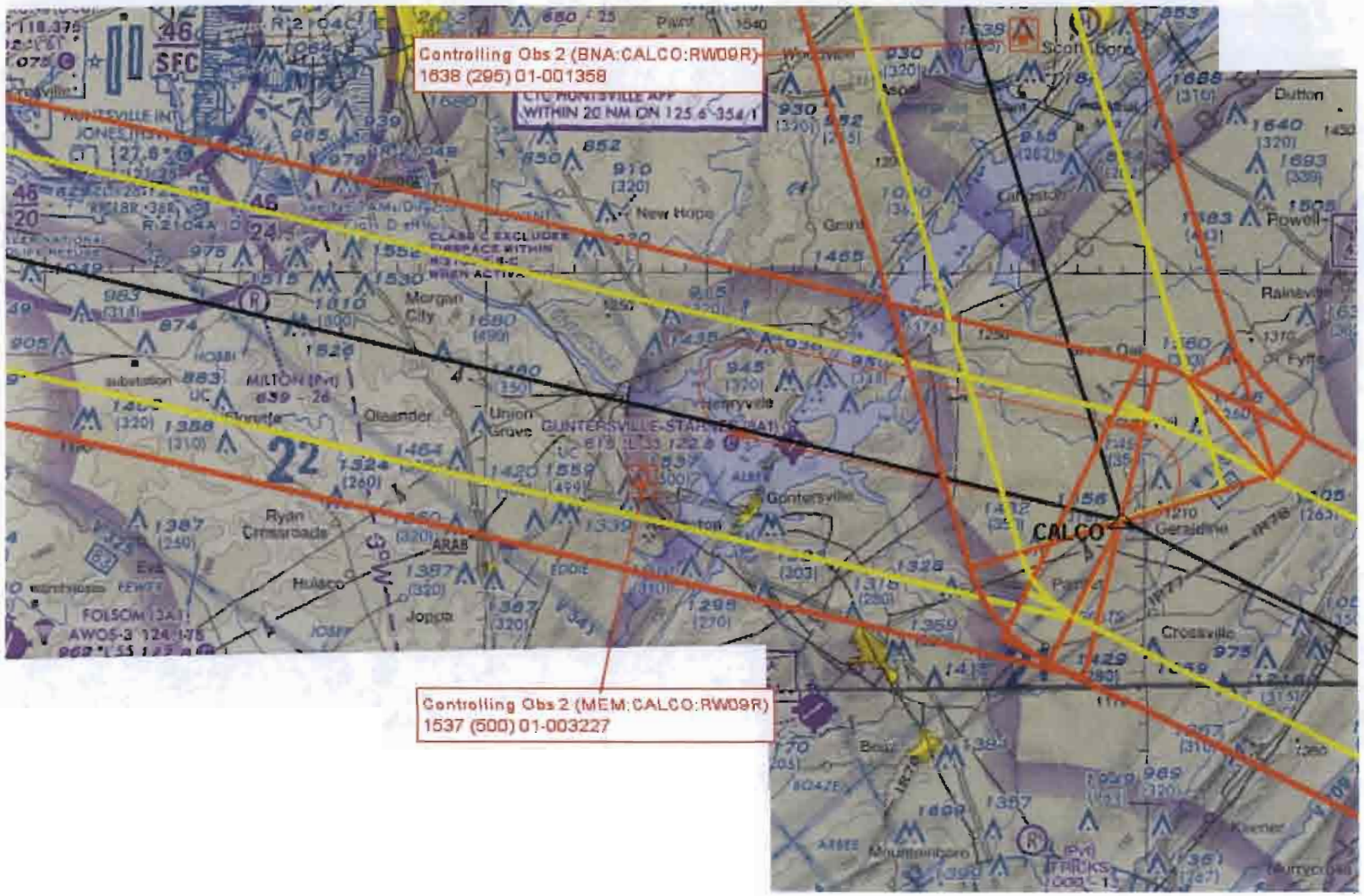

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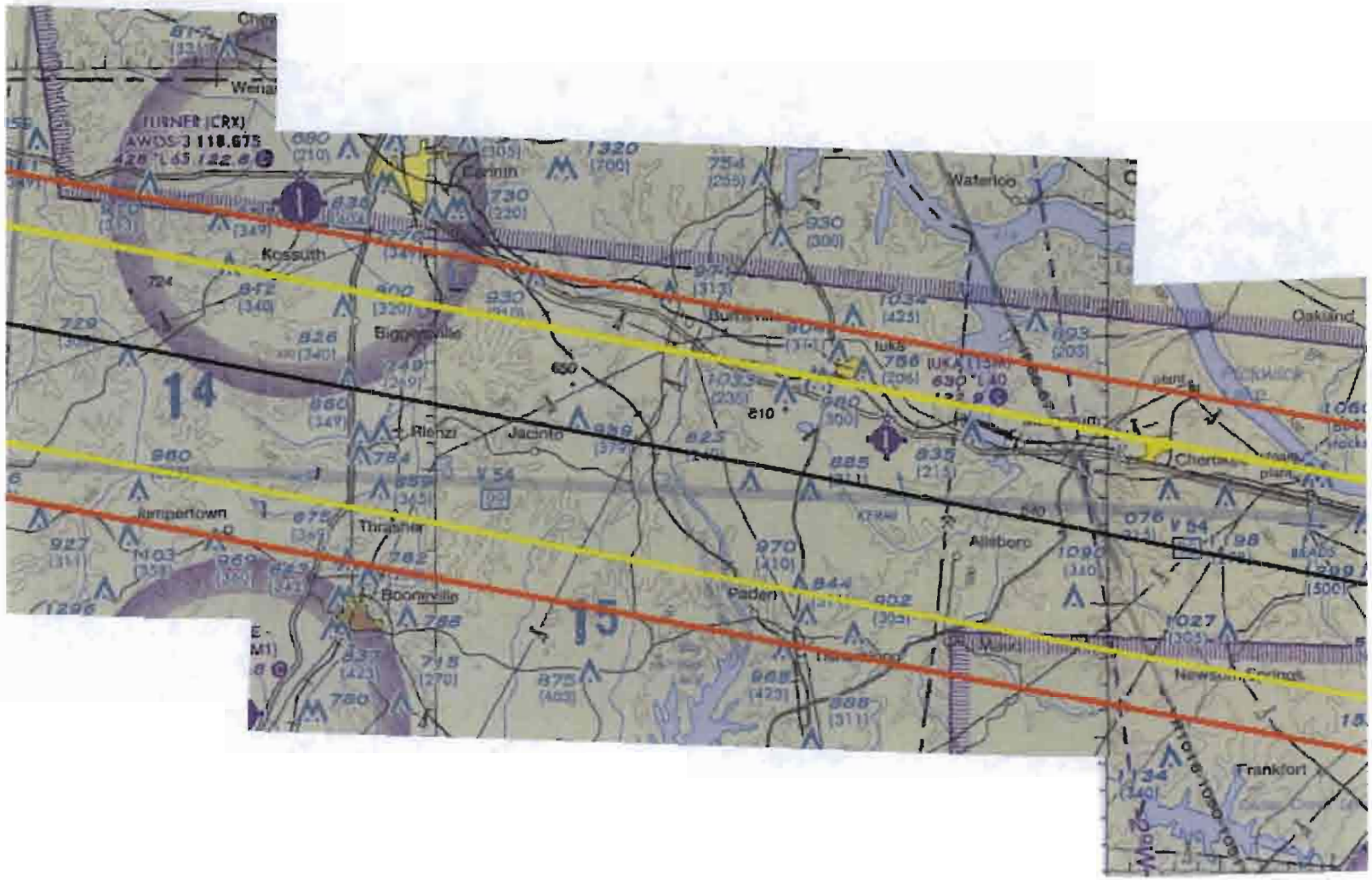

HERKO RNAV

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HERKO RNAV

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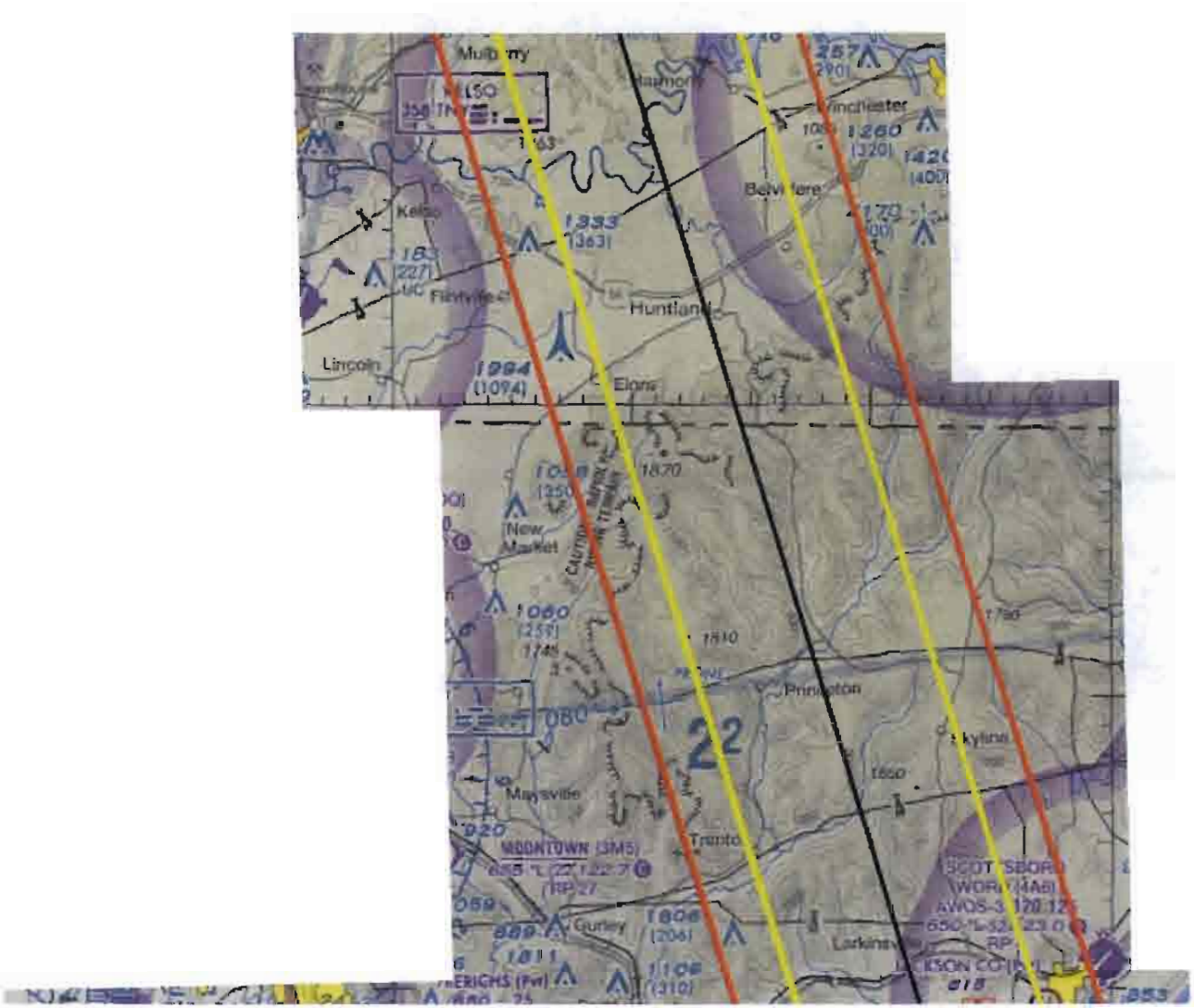

HERKO RNAV

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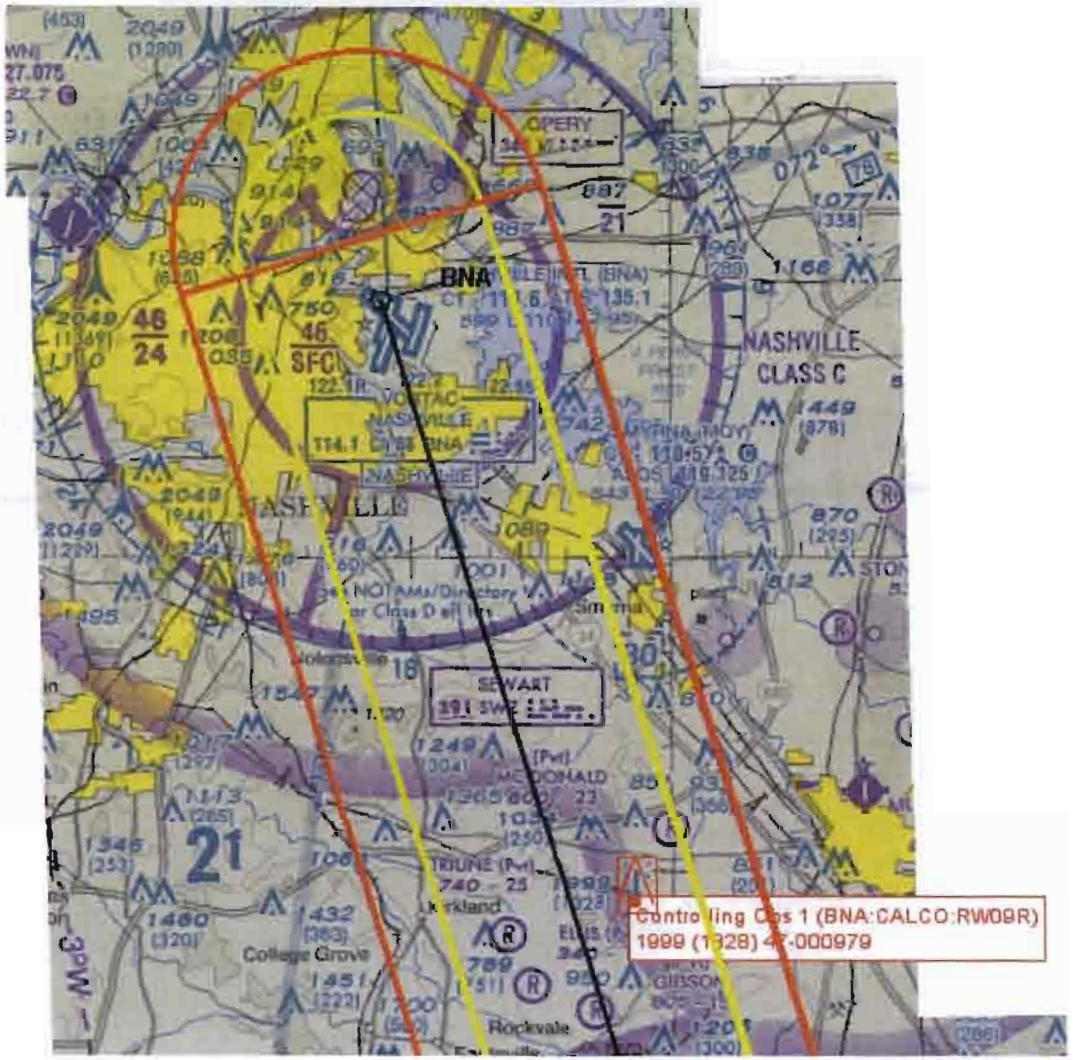


HERKO RNAV

Created : Fri Feb 17 13:42:11 EST 2012 TARGETS 4.8 (January 7, 2012)

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : AHN	City : ATHENS	Ident : AHN	State : GA
Type/Class : TACR	Frequency : M994	Reference No.: 10071860	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 971081-028	188	215	62	40	190

Requirement: ESTABLISH ESV FOR CANUK STAR TO REMOVE CRITICAL DME

Signature: Osterhage Dennis	Routing Symbol: AJV-E2	Date: 07/15/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 971081-028	188	215	62	40	190	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR CANUK STAR TO REMOVE CRITICAL DMEApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 07/19/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 971081-028	188	215	62	40	190	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR CANUK STAR TO REMOVE CRITICAL DMEApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 07/20/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 971081-028	188	215				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ATHENS	City : ATHENS	Ident : AHN	State : GA
Type/Class : TACR	Frequency : M994	Reference No.: 10049691	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 971081-025	215	290	70	40	140

Requirement: ELIMINATE CRITICAL DME ON ERLIN STAR

Signature: Cook David	Routing Symbol:	Date: 04/26/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 971081-025	215	290	70	40	140	APPROVE

Requirement/Remarks: ELIMINATE CRITICAL DME ON ERLIN STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 04/26/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 971081-025	215	290	70	40	140	APPROVE

Requirement/Remarks: ELIMINATE CRITICAL DME ON ERLIN STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 04/26/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 971081-025	215	290				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ATLANTA	City : ATLANTA	Ident : ATL	State : GA
Type/Class : TACR	Frequency : M1203	Reference No.: 10061577	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 758914-036	311	324	95	85	200

Requirement: SUPPORT ERLIN7 STAR AND ELIMINATE CRITICAL DME

Signature: Cook David	Routing Symbol:	Date: 06/18/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 758914-036	311	324	95	85	200	APPROVE

Requirement/Remarks: SUPPORT ERLIN7 STAR AND ELIMINATE CRITICAL DMEApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 06/22/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 758914-036	311	324	95	85	200	APPROVE

Requirement/Remarks: SUPPORT ERLIN7 STAR AND ELIMINATE CRITICAL DMEApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 06/22/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 758914-036	311	324				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CHOO CHOO	City : CHATTANOOGA	Ident : GQO	State : TN
Type/Class : TACR	Frequency : M1192	Reference No.: 10092703	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698198-020	160	270	67	65	180

Requirement: ESTABLISH ESV FOR ATL ERLIN RNAV STAR

Signature: Osterhage Dennis	Routing Symbol: AJV-E2	Date: 09/29/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698198-020	160	270	67	65	180	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR ATL ERLIN RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 10/04/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698198-020	160	270	67	65	180	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR ATL ERLIN RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 10/13/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698198-020	160	270				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CHOO CHOO	City : CHATTANOOGA	Ident : GQO	State : TN
Type/Class : TACR	Frequency : M1192	Reference No.: 10049668	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698198-013	243	313	110	110	240

Requirement: ELIMINATE CRITICAL DME ON HERKO3

Signature: Cook David	Routing Symbol:	Date: 04/22/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698198-013	243	313	110	110	240	APPROVE

Requirement/Remarks: ELIMINATE CRITICAL DME ON HERKO3Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 04/23/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698198-013	243	313	110	110	240	APPROVE

Requirement/Remarks: ELIMINATE CRITICAL DME ON HERKO3Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 04/26/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698198-013	243	313				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : HOLLY SPRINGS	City : HOLLY SPRINGS	Ident : HLI	State : MS
Type/Class : TACR	Frequency : M1158	Reference No.: 10071827	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 701415-009	72	88	51	130	230

Requirement: ESTABLISH ESV FOR ERLIN STAR TO ELIMINATE CRITICAL DME

Signature: Osterhage Dennis	Routing Symbol: AJV-E2	Date: 07/12/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701415-009	72	88	51	130	230	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR ERLIN STAR TO ELIMINATE CRITICAL DMEApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 07/13/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701415-009	72	88	51	130	230	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR ERLIN STAR TO ELIMINATE CRITICAL DMEApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 07/13/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701415-009	72	88				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : BIGBEE	City : COLUMBUS	Ident : IGB	State : MS
Type/Class : TACR	Frequency : M1196	Reference No.: 10039225	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 701377-007	343	1	85	180	240

Requirement: ESTABLISH ESV FOR ERLIN RNAV STAR

Signature: Osterhage Dennis	Routing Symbol: AJV-E2	Date: 03/11/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701377-007	343	1	85	180	240	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR ERLIN RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 03/25/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701377-007	343	1	85	180	240	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR ERLIN RNAV STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 03/29/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701377-007	343	1				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : LOUISVILLE	City : LOUISVILLE	Ident : IIU	State : KY
Type/Class : TACR	Frequency : M1182	Reference No.: 12052702	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704184-064	197	206	140	179	450

Requirement: ELIMINATE CRITICAL DME ON RPTOR, ERLIN, HERKO STARS

Signature: COOK DAVE	Routing Symbol:	Date: 05/17/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704184-064	197	206	140	179	450	APPROVE

Requirement/Remarks: ELIMINATE CRITICAL DME ON RPTOR, ERLIN, HERKO STARSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 05/17/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704184-064	197	206	140	179	450	APPROVE

Requirement/Remarks: ELIMINATE CRITICAL DME ON RPTOR, ERLIN, HERKO STARSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Hughes Dennis	Routing Symbol:	Date: 05/21/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704184-064	197	206				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : LAGRANGE	City : LAGRANGE	Ident : LGC	State : GA
Type/Class : TACR	Frequency : M1190	Reference No.: 10028865	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 758915-015	342	69	77	40	180

Requirement: ESTABLISH ESV FOR ATL ERLIN 6 STAR

Signature: Osterhage Dennis	Routing Symbol: AJV-E2	Date: 02/01/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 758915-015	342	69	77	40	180	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR ATL ERLIN 6 STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 02/01/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 758915-015	342	69	77	40	180	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR ATL ERLIN 6 STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 02/01/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 758915-015	342	69				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : MACON	City : MACON	Ident : MCN	State : GA
Type/Class : TACR	Frequency : M1176	Reference No.: 10061641	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704164-025	288	344	80	40	140

Requirement: MODIFY EXISTING ESV TO SUPPORT HONIE7 STAR

Signature: Cook David	Routing Symbol:	Date: 06/30/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704164-025	288	344	80	40	140	APPROVE

Requirement/Remarks: MODIFY EXISTING ESV TO SUPPORT HONIE7 STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 06/30/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704164-025	288	344	80	40	140	APPROVE

Requirement/Remarks: MODIFY EXISTING ESV TO SUPPORT HONIE7 STARApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 06/30/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704164-025	288	344				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

MACON (MCN) VORTAC

Approved ESVs Report

Ident - MCN	City - MACON, GA		Frequency - 1176-MHz		Facility - TACR	
ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Fight Check Date
FAA 704164-002	294	344	70	40	140	

Requirement : 041019E 041019 080707 AVN-150 FC SAT 1/9/2005, COUCH, N54, CANUK STAR

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : MUSCLE SHOALS	City : MUSCLE SHOALS	Ident : MSL	State : AL
Type/Class : TACR	Frequency : M1199	Reference No.: 10061610	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704237-016	44	97	73	135	230

Requirement: ELIMINATE CRITICAL DME ON HERKO AND VIKNN STARS

Signature: Cook David	Routing Symbol:	Date: 06/28/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704237-016	44	97	73	135	230	APPROVE

Requirement/Remarks: ELIMINATE CRITICAL DME ON HERKO AND VIKNN STARSApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 06/28/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704237-016	44	97	73	135	230	APPROVE

Requirement/Remarks: ELIMINATE CRITICAL DME ON HERKO AND VIKNN STARSApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 06/29/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704237-016	44	97				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : MUSCLE SHOALS	City : MUSCLE SHOALS	Ident : MSL	State : AL
Type/Class : TACR	Frequency : M1199	Reference No.: 10061579	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704237-014	272	282	73	140	240

Requirement: SUPPORT ERLIN7 STAR AND ELIMINATE CRITICAL DME

Signature: Cook David	Routing Symbol:	Date: 06/18/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704237-014	272	282	73	140	240	APPROVE

Requirement/Remarks: SUPPORT ERLIN7 STAR AND ELIMINATE CRITICAL DMEApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 06/22/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704237-014	272	282	73	140	240	APPROVE

Requirement/Remarks: SUPPORT ERLIN7 STAR AND ELIMINATE CRITICAL DMEApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 06/28/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704237-014	272	282				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Revision	
Facility Data			
Chart Name : ROME	City : ROME	Ident : RMG	State : GA
Type/Class : TACR	Frequency : M1188	Reference No.: 10049591	

Expanded Service Volume Data: (Original Record)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 755481-006	29	149	55	40	140

Requirement: 041012E ATL SID 041015 080707 AVN-150 FC SAT 1/9/2005, COUCH, N54

Signature: Cook David	Routing Symbol:	Date: 07/08/2008

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 755481-006	29	149	80	40	140

Requirement: FLCON4 RNAV STAR, ELIMINATE CRITICAL DME

Signature: Cook David	Routing Symbol:	Date: 04/16/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 755481-006	29	149	80	40	140	APPROVE

Requirement/Remarks: FLCON4 RNAV STAR, ELIMINATE CRITICAL DMEPlease include received signal level results from flight check for both

Signature: Cassella Charles	Routing Symbol:	Date: 04/19/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 755481-006	29	149	80	40	140	APPROVE

Requirement/Remarks: FLCON4 RNAV STAR, ELIMINATE CRITICAL DMEApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 04/20/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 755481-006	29	149				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : SIDON	City : GREENWOOD	Ident : SQS	State : MS
Type/Class : TACR	Frequency : M1181	Reference No.: 10061576	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704179-013	30	50	126	150	240

Requirement: SUPPORT ERLIN7 STAR AND VIKIN STAR TO ELIMINATE CRITICAL DME'S

Signature: Cook David	Routing Symbol:	Date: 06/18/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704179-013	30	50	126	150	240	APPROVE

Requirement/Remarks: SUPPORT ERLIN7 STAR AND VIKIN STAR TO ELIMINATE CRITICAL DME'SApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 06/22/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704179-013	30	50	126	150	240	APPROVE

Requirement/Remarks: SUPPORT ERLIN7 STAR AND VIKIN STAR TO ELIMINATE CRITICAL DME'SApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 06/28/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704179-013	30	50				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : VULCAN	City : BIRMINGHAM	Ident : VUZ	State : AL
Type/Class : TACR	Frequency : M1178	Reference No.: 10061578	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 701368-029	40	70	100	90	200

Requirement: SUPPORT ERLIN7 STAR AND VIKNN STAR AND ELIMINATE CRITICAL DME

Signature: Cook David	Routing Symbol:	Date: 06/18/2010

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701368-029	40	70	100	90	200	APPROVE

Requirement/Remarks: SUPPORT ERLIN7 STAR AND VIKNN STAR AND ELIMINATE CRITICAL DMEApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 06/21/2010

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701368-029	40	70	100	90	200	APPROVE

Requirement/Remarks: SUPPORT ERLIN7 STAR AND VIKNN STAR AND ELIMINATE CRITICAL DMEApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 06/28/2010

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701368-029	40	70				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

US Department of Transportation
Federal Aviation Administration

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 /	(d) To RNAV WP / FIX / NAVAID	(e) Mag Course / Distance	(f) MEA	(g)	(h) MAA	(i) Crossing Altitudes / Fixes
NASHVILLE	BNA.HERKO7	BNA VORTAC	GRNDY	168.04/38.33	FL180			
		GRNDY	CALCO	167.90/73.87	14500			
MEMPHIS	MEM.HERKO7	MEM VORTAC	DEVAC	104.97/128.10	FL190			
		DEVAC	CALCO	107.70/72.10	14500			

(2) Arrival Route Description: FROM OVER CALCO ON TRACK 121.66/29.60 NM TO VIKNN (MEA 5000), THEN ON TRACK 121.76/20.50 NM TO HERKO (MEA 5000), THEN ON TRACK 123.85/11.20 NM TO RPTOR (MEA 5000), THEN ON TRACK 139.94/12.39 NM TO NOTRE (MEA 5000). THENCE ON ASSIGNED RUNWAY TRANSITION.

LANDING WEST RWY 26R/26L: FROM OVER NOTRE ON TRACK 095.22/9.28 NM TO NOFIV (MEA 5000), THEN ON TRACK 094.78/11.85 NM TO FANEW (MEA 5000), THEN ON TRACK 094.79/9.19 NM TO HAVAD (MEA 5000), THEN ON TRACK 093.79/5.34 NM TO IGEBE (MEA 5000), THEN ON HEADING 093.79/5.00 NM (MEA 5000). EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
Continued on block 16...

(3) Procedural Data Notes: CHART NOTES: DME/DME/IRU OR GPS REQUIRED. RNAV 1. RADAR REQUIRED.
ASSIGNED BY ATC ONLY. THIS STAR APPLICABLE TO TURBOJET AIRCRAFT ONLY.
LANDING WEST: EXPECT TO CROSS HERKO AT 13,000.
LANDING EAST: EXPECT TO CROSS HERKO AT 12,000/250 KTS.
LANDING EAST: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER RPTOR.

(4) Fixes and/or Holding Patterns: CHART HOLDING AT; CALCO: HOLD W, LT, 107.70 INBOUND, 15 NM LEG. DEVAC: HOLD W, LT, 104.97 INBOUND, 15 NM LEG.
RMG VORTAC: HOLD NW, RT, 137.88 INBOUND, 15 NM LEGS.
CHART ATL VORTAC, WOTBA, RMG VORTAC AND HOLDING PATTERN.

(5) Communications: ATLANTA APP CON, ARR ATIS

QUALITY 3 CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	30 JUN 2011	

(12) Airports Served	
Airport Name HARTSFIELD - JACKSON ATLANTA INTL.	City/State ATLANTA, GA
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State

(13) Lost Communications Procedure: EAST OPERATIONS: AT RPTOR, TRACK TO WOTBA, FLY HEADING 180, MAINTAIN 5000, INTERCEPT AND EXECUTE ILS OR LOC RWY 8L APPROACH. IF UNABLE, TRACK TO ATL VORTAC AND HOLD, MAINTAIN 5000.

WEST OPERATIONS: AT IGEBE, FLY HEADING 180, MAINTAIN 5000; INTERCEPT AND EXECUTE ILS OR LOC RWY 26R APPROACH. IF UNABLE, PROCEED TO ATL VORTAC AND HOLD, MAINTAIN 5000.

(14) Remarks: CHART RMG VORTAC AND HOLDING PATTERN. RMG VORTAC IS NOT A FIX ON THIS PROCEDURE.

(15) Additional Flight Data: REFERENCE MAG VAR: KATL 05W/2015.
DME/DME ASSESSMENT: SAT RNP 2.0.

QUALITY CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	30 JUN 2011	

(16) Continuation:

(2) Arrival Route Description:

LANDING WEST RWY 28/27L/27R: FROM OVER NOTRE ON TRACK 142.53/15.08 NM TO FOGOG (MEA 4000), THEN ON TRACK 094.97/12.01 NM TO BOJAA (MEA 4000), THEN ON TRACK 094.88/10.05 NM TO HEDEG (MEA 4000), THEN ON TRACK 094.82/5.20 NM TO SOFOR (MEA 4000), THEN ON HEADING 094.82/5.00 NM (MEA 4000). EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING EAST RWY 8L/8R/9L/9R/10: FROM OVER NOTRE ON TRACK 095.22/9.28 NM TO NOFIV (MEA 5000), THEN ON TRACK 094.78/11.85 NM TO FANEW (MEA 5000), THEN ON TRACK 094.79/9.19 NM TO HAVAD (MEA 5000), THEN ON TRACK 093.79/5.34 NM TO IGEBE (MEA 5000), THEN ON HEADING 093.79/5.00 NM (MEA 5000). EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER RPTOR.

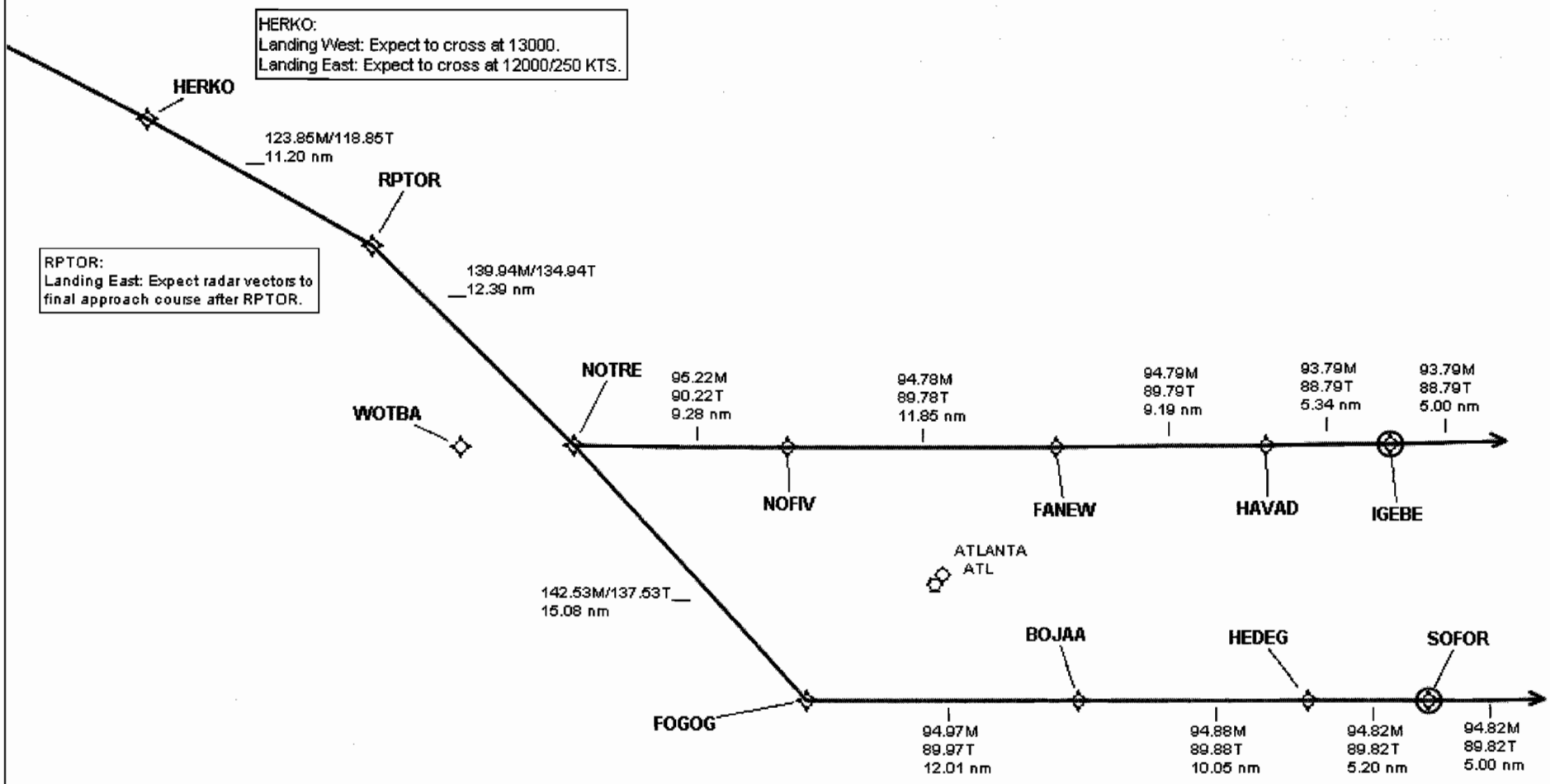
(17) Changes: 1. MAGNETIC TRACK HEADINGS CHANGED.
2. ADDED PROCEDURAL DATA NOTE: "LANDING EAST: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER RPTOR."

(18) Reasons for Changes: 1. MAGNETIC VARIATION CHANGED FROM 2W TO 5W.
2. ATC REQUEST.

	Name (Typed and Signed), Title and Organization		DATE
Developed By	TIM CHAMBERS, AIRSPACE & PROCEDURES SPECIALIST, ATLANTA ARTCC		8 FEB 2012
Approved	**AJV-352**	DARRYEL ADAMS, MANAGER	
	Reg. ATD		

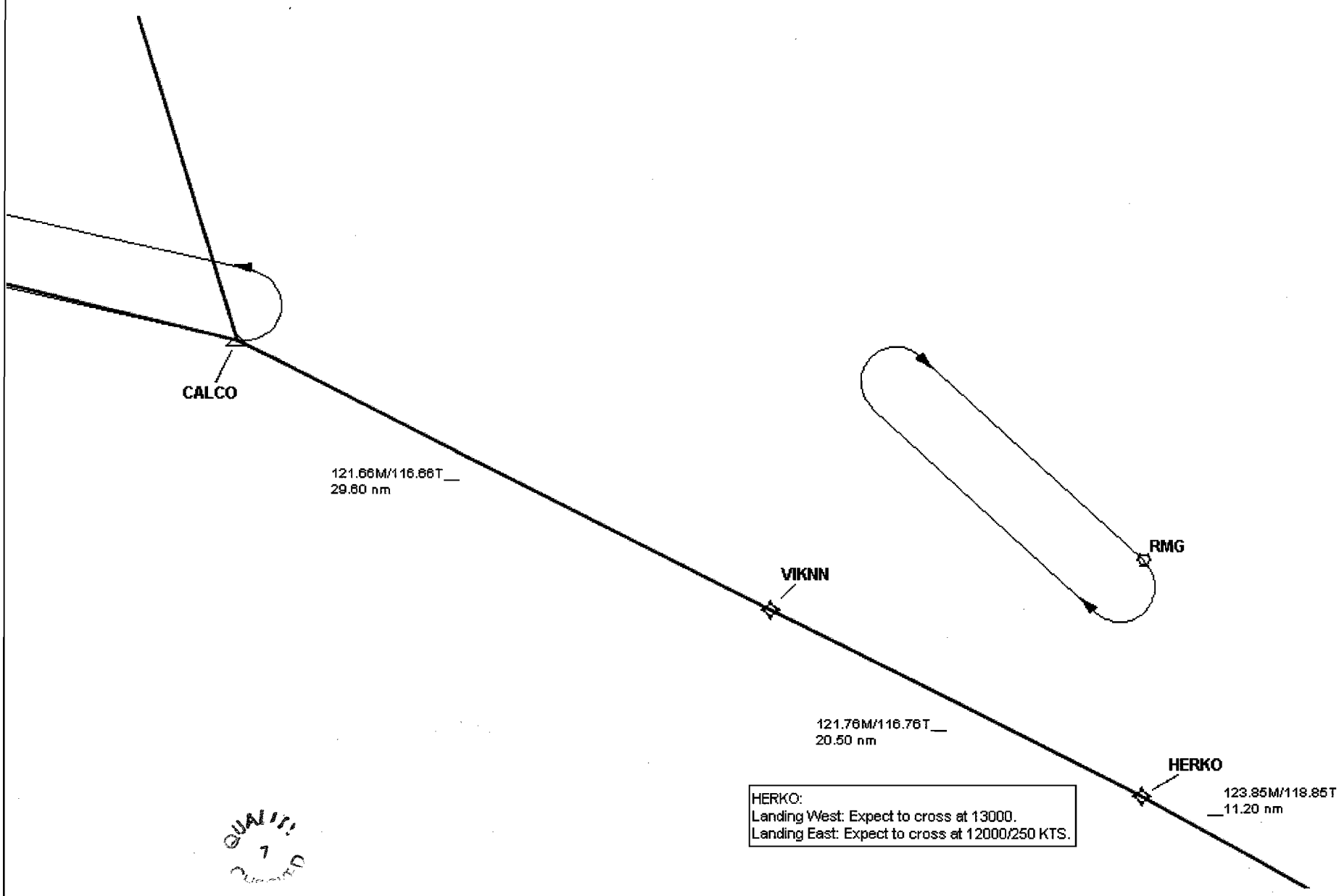
(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	30 JUN 2011	

(19) Graphic Depiction (1 of 3)

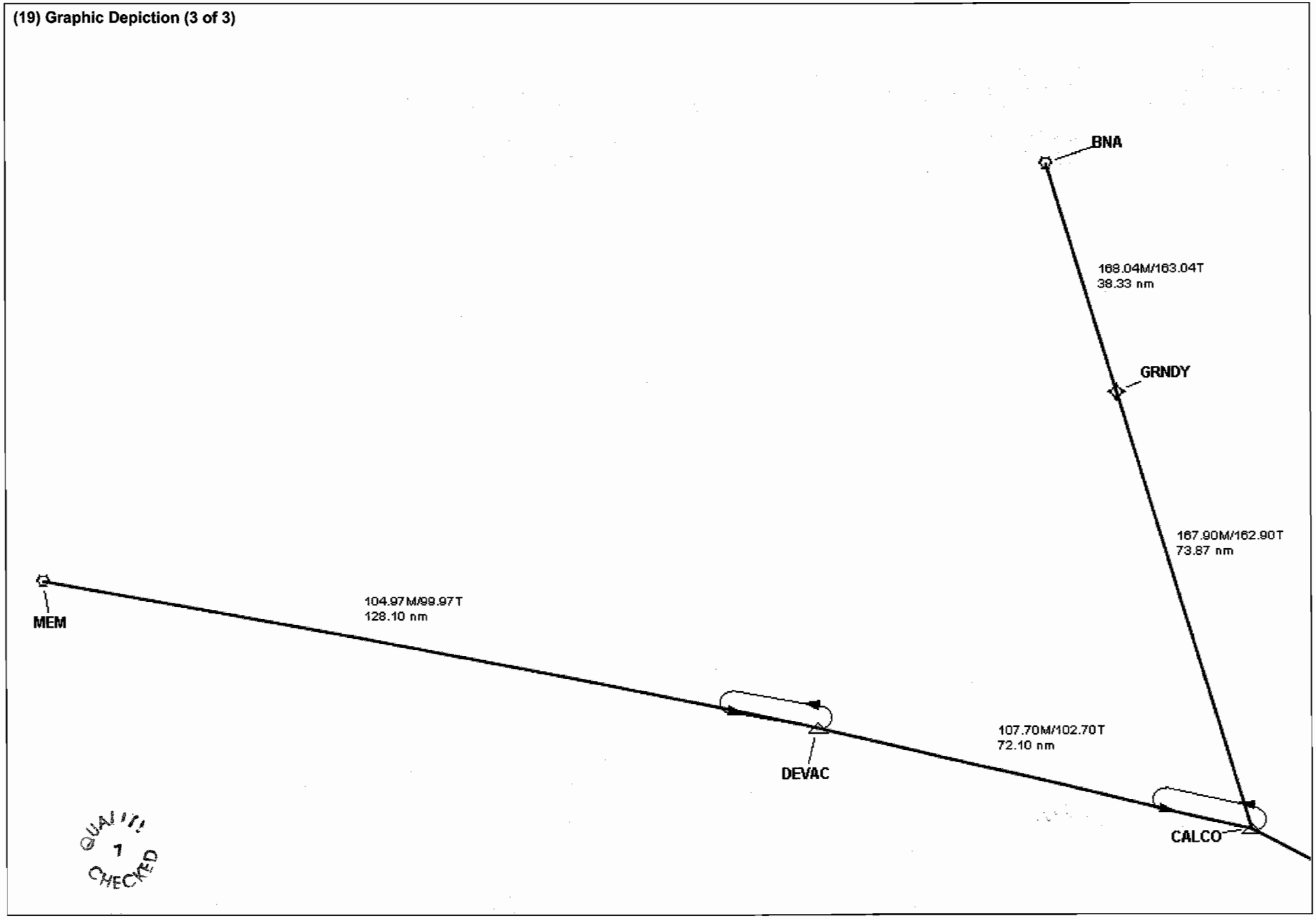


QUALITY CHECKED

(19) Graphic Depiction (2 of 3)



(19) Graphic Depiction (3 of 3)



QUALITY CHECKED

US Department of Transportation
Federal Aviation Administration

RNAV STAR (Data Record)

(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									
BNA VORTAC	360813.06N / 0864105.18W	Y		IF					BNA.HERKO7
GRNDY	353129.24N / 0862723.31W	Y	FB	TF	163.04	38.33			
CALCO	342042.91N / 0860109.72W	Y	FB	TF	162.90	73.87			HOLDING - LEFT TURNS
En Route Transition									
MEM VORTAC	350054.42N / 0895859.55W	Y		IF					MEM.HERKO7
DEVAC	343705.09N / 0872606.60W	Y	FB	TF	099.97	128.10			HOLDING - LEFT TURNS
CALCO	342042.91N / 0860109.72W	Y	FB	TF	102.70	72.10			HOLDING - LEFT TURNS
Common Route									
CALCO	342042.91N / 0860109.72W	Y		IF					HOLDING - LEFT TURNS
VIKNN	340720.39N / 0852918.04W	Y	FB	TF	116.66	29.60			
HERKO	335803.77N / 0850717.70W	Y	FB	TF	116.76	20.50			LANDING WEST: EXPECT 13000. LANDING EAST: EXPECT 12000/250 Kts
RPTOR	335238.20N / 0845530.47W	Y	FB	TF	118.85	11.20			
NOTRE	334351.56N / 0844459.46W	Y	FB	TF	134.94	12.39			

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	30 JUN 2011	

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Federal Aviation Administration

RNAV STAR (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
Runway Transition									
NOTRE	334351.56N / 0844459.46W	Y		IF					
NOFIV	334348.93N / 0843352.12W	Y	FB	TF	090.22	09.28			
FANEW	334350.86N / 0841939.41W	Y	FB	TF	089.78	11.85			
HAVAD	334352.37N / 0840838.28W	Y	FB	TF	089.79	09.19			
IGEBE	334358.98N / 0840214.06W	Y	FO	TF	088.79	05.34			
RW08L		Y		VM	088.79	05.00			
Runway Transition									
NOTRE	334351.56N / 0844459.46W	Y		IF					
NOFIV	334348.93N / 0843352.12W	Y	FB	TF	090.22	09.28			
FANEW	334350.86N / 0841939.41W	Y	FB	TF	089.78	11.85			
HAVAD	334352.37N / 0840838.28W	Y	FB	TF	089.79	09.19			
IGEBE	334358.98N / 0840214.06W	Y	FO	TF	088.79	05.34			
RW08R		Y		VM	088.79	05.00			

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	30 JUN 2011	

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RNAV STAR (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
Runway Transition									
NOTRE	334351.56N / 0844459.46W	Y		IF					
NOFIV	334348.93N / 0843352.12W	Y	FB	TF	090.22	09.28			
FANEW	334350.86N / 0841939.41W	Y	FB	TF	089.78	11.85			
HAVAD	334352.37N / 0840838.28W	Y	FB	TF	089.79	09.19			
IGEBE	334358.98N / 0840214.06W	Y	FO	TF	088.79	05.34			
RW09L		Y		VM	088.79	05.00			
Runway Transition									
NOTRE	334351.56N / 0844459.46W	Y		IF					
NOFIV	334348.93N / 0843352.12W	Y	FB	TF	090.22	09.28			
FANEW	334350.86N / 0841939.41W	Y	FB	TF	089.78	11.85			
HAVAD	334352.37N / 0840838.28W	Y	FB	TF	089.79	09.19			
IGEBE	334358.98N / 0840214.06W	Y	FO	TF	088.79	05.34			
RW09R		Y		VM	088.79	05.00			

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	30 JUN 2011	

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RNAV STAR (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
Runway Transition									
NOTRE	334351.56N / 0844459.46W	Y		IF					
NOFIV	334348.93N / 0843352.12W	Y	FB	TF	090.22	09.28			
FANEW	334350.86N / 0841939.41W	Y	FB	TF	089.78	11.85			
HAVAD	334352.37N / 0840838.28W	Y	FB	TF	089.79	09.19			
IGEBE	334358.98N / 0840214.06W	Y	FO	TF	088.79	05.34			
RW10		Y		VM	088.79	05.00			
Runway Transition									
NOTRE	334351.56N / 0844459.46W	Y		IF					
NOFIV	334348.93N / 0843352.12W	Y	FB	TF	090.22	09.28			
FANEW	334350.86N / 0841939.41W	Y	FB	TF	089.78	11.85			
HAVAD	334352.37N / 0840838.28W	Y	FB	TF	089.79	09.19			
IGEBE	334358.98N / 0840214.06W	Y	FO	TF	088.79	05.34			
RWY26L		Y		VM	088.79	05.00			

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	30 JUN 2011	

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Federal Aviation Administration

RNAV STAR (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
Runway Transition									
NOTRE	334351.56N / 0844459.46W	Y		IF					
NOFIV	334348.93N / 0843352.12W	Y	FB	TF	090.22	09.28			
FANEW	334350.86N / 0841939.41W	Y	FB	TF	089.78	11.85			
HAVAD	334352.37N / 0840838.28W	Y	FB	TF	089.79	09.19			
IGEBE	334358.98N / 0840214.06W	Y	FO	TF	088.79	05.34			
RWY26R		Y		VM	088.79	05.00			
Runway Transition									
NOTRE	334351.56N / 0844459.46W	Y		IF					
FOGOG	333242.52N / 0843248.78W	Y	FB	TF	137.53	15.08			
BOJAA	333242.11N / 0841826.77W	Y	FB	TF	089.97	12.01			
HEDEG	333242.74N / 0840625.52W	Y	FB	TF	089.88	10.05			
SOFOR	333243.56N / 0840012.18W	Y	FO	TF	089.82	05.20			
RWY27L		Y		VM	089.82	05.00			

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	30 JUN 2011	

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Federal Aviation Administration

RNAV STAR (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
Runway Transition									
NOTRE	334351.56N / 0844459.46W	Y		IF					
FOGOG	333242.52N / 0843248.78W	Y	FB	TF	137.53	15.08			
BOJAA	333242.11N / 0841826.77W	Y	FB	TF	089.97	12.01			
HEDEG	333242.74N / 0840625.52W	Y	FB	TF	089.88	10.05			
SOFOR	333243.56N / 0840012.18W	Y	FO	TF	089.82	05.20			
RWY27R		Y		VM	089.82	05.00			
Runway Transition									
NOTRE	334351.56N / 0844459.46W	Y		IF					
FOGOG	333242.52N / 0843248.78W	Y	FB	TF	137.53	15.08			
BOJAA	333242.11N / 0841826.77W	Y	FB	TF	089.97	12.01			
HEDEG	333242.74N / 0840625.52W	Y	FB	TF	089.88	10.05			
SOFOR	333243.56N / 0840012.18W	Y	FO	TF	089.82	05.20			
RWY28		Y		VM	089.82	05.00			

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	30 JUN 2011	

FAA Form 7100-3 (9/02)

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  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BNA   K7011410VTH  N36081306W086410518    N36081306W086410518W0020005662     NARNASHVILLE
        SUSAD        MEM   K7011750VTHW N35005442W089585955    N35005442W089585955E0010003602     NARMEMPHIS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BOJAA K70    W     N33324211W084182677                    W0048     NAR           BOJAA
        SUSAEAENRT   CALCO K70    C   H N34204291W086010972                    W0037     NAR           CALCO
        SUSAEAENRT   DEVAC K70    C   H N34370509W087260660                    W0027     NAR           DEVAC
        SUSAEAENRT   FANEW K70    W     N33435086W084193941                    W0048     NAR           FANEW
        SUSAEAENRT   FOGOG K70    W     N33324252W084324878                    W0046     NAR           FOGOG
        SUSAEAENRT   GRNDY K70    W     N35312924W086272331                    W0035     NAR           GRNDY
        SUSAEAENRT   HAVAD K70    W     N33435237W084083828                    W0049     NAR           HAVAD
        SUSAEAENRT   HEDEG K70    W     N33324274W084062552                    W0049     NAR           HEDEG
        SUSAEAENRT   HERKO K70    W     N33580377W085071770                    W0042     NAR           HERKO
        SUSAEAENRT   IGEBE K70    W     N33435898W084021406                    W0050     NAR           IGEBE
        SUSAEAENRT   NOFIV K70    W     N33434893W084335212                    W0046     NAR           NOFIV
        SUSAEAENRT   NOTRE K70    W     N33435156W084445946                    W0045     NAR           NOTRE
        SUSAEAENRT   RPTOR K70    W     N33523820W084553047                    W0044     NAR           RPTOR
        SUSAEAENRT   SOFOR K70    W     N33324356W084001218                    W0050     NAR           SOFOR
        SUSAEAENRT   VIKNN K70    W     N34072039W085291804                    W0040     NAR           VIKNN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7AATL     0     123YHN33381212W084254031W005001026         1800018000C    MNAR    HARTSFIELD - JACKSON ATLANTA I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7EHERKO74BNA   010BNA  K7D 0V       IF                                                  18000
        SUSAP KATLK7EHERKO74BNA   020GRNDYK7EA0E    010TF                    16800383
        SUSAP KATLK7EHERKO74BNA   030CALCOK7EA0EE H 010TF                    16790739
        SUSAP KATLK7EHERKO74MEM   010MEM  K7D 0V       IF                                                  18000
        SUSAP KATLK7EHERKO74MEM   020DEVACK7EA0E  H 010TF                    10501281
        SUSAP KATLK7EHERKO74MEM   030CALCOK7EA0EE H 010TF                    10770721
        SUSAP KATLK7EHERKO75      010CALCOK7EA0E  H    IF                                                  18000
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	06/30/2011	

FAA Form 7100-3 (9/02)

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SUSAP KATLK7EHERKO75       020VIKNNK7EA0E    010TF                    12170296
SUSAP KATLK7EHERKO75       030HERKOK7EA0E    010TF                    12180205
SUSAP KATLK7EHERKO75       040RPTORK7EA0E    010TF                    12390112
SUSAP KATLK7EHERKO75       050NOTREK7EA0EE   010TF                    13990124
SUSAP KATLK7EHERKO76RW08B 010NOTREK7EA0E       IF                                          18000
SUSAP KATLK7EHERKO76RW08B 020NOFIVK7EA0E    010TF                    09520093
SUSAP KATLK7EHERKO76RW08B 030FANEWK7EA0E    010TF                    09480119
SUSAP KATLK7EHERKO76RW08B 040HAVADK7EA0E    010TF                    09480092
SUSAP KATLK7EHERKO76RW08B 050IGEBEK7EA0EY   010TF                    09380053
SUSAP KATLK7EHERKO76RW08B 060KATL K7PA0AE      VM                    0938
SUSAP KATLK7EHERKO76RW09B 010NOTREK7EA0E       IF                                          18000
SUSAP KATLK7EHERKO76RW09B 020NOFIVK7EA0E    010TF                    09520093
SUSAP KATLK7EHERKO76RW09B 030FANEWK7EA0E    010TF                    09480119
SUSAP KATLK7EHERKO76RW09B 040HAVADK7EA0E    010TF                    09480092
SUSAP KATLK7EHERKO76RW09B 050IGEBEK7EA0EY   010TF                    09380053
SUSAP KATLK7EHERKO76RW09B 060KATL K7PA0AE      VM                    0938
SUSAP KATLK7EHERKO76RW10  010NOTREK7EA0E       IF                                          18000
SUSAP KATLK7EHERKO76RW10  020NOFIVK7EA0E    010TF                    09520093
SUSAP KATLK7EHERKO76RW10  030FANEWK7EA0E    010TF                    09480119
SUSAP KATLK7EHERKO76RW10  040HAVADK7EA0E    010TF                    09480092
SUSAP KATLK7EHERKO76RW10  050IGEBEK7EA0EY   010TF                    09380053
SUSAP KATLK7EHERKO76RW10  060KATL K7PA0AE      VM                    0938
SUSAP KATLK7EHERKO76RW26B 010NOTREK7EA0E       IF                                          18000
SUSAP KATLK7EHERKO76RW26B 020NOFIVK7EA0E    010TF                    09520093
SUSAP KATLK7EHERKO76RW26B 030FANEWK7EA0E    010TF                    09480119
SUSAP KATLK7EHERKO76RW26B 040HAVADK7EA0E    010TF                    09480092
SUSAP KATLK7EHERKO76RW26B 050IGEBEK7EA0EY   010TF                    09380053
SUSAP KATLK7EHERKO76RW26B 060KATL K7PA0AE      VM                    0938
SUSAP KATLK7EHERKO76RW27B 010NOTREK7EA0E       IF                                          18000
SUSAP KATLK7EHERKO76RW27B 020FOGOGK7EA0E    010TF                    14250151
SUSAP KATLK7EHERKO76RW27B 030BOJAAK7EA0E    010TF                    09500120
SUSAP KATLK7EHERKO76RW27B 040HEDEGK7EA0E    010TF                    09490101
SUSAP KATLK7EHERKO76RW27B 050SOFORK7EA0EY   010TF                    09480052
SUSAP KATLK7EHERKO76RW27B 060KATL K7PA0AE      VM                    0948
SUSAP KATLK7EHERKO76RW28  010NOTREK7EA0E       IF                                          18000
SUSAP KATLK7EHERKO76RW28  020FOGOGK7EA0E    010TF                    14250151
SUSAP KATLK7EHERKO76RW28  030BOJAAK7EA0E    010TF                    09500120
SUSAP KATLK7EHERKO76RW28  040HEDEGK7EA0E    010TF                    09490101
SUSAP KATLK7EHERKO76RW28  050SOFORK7EA0EY   010TF                    09480052
SUSAP KATLK7EHERKO76RW28  060KATL K7PA0AE      VM                    0948
```

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                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	06/30/2011	

```
SUSAP KATLK7GRW08L   0090000950 N33385832W084262049-0300    +027980101500005915 0IIHFW3
SUSAP KATLK7GRW08R   0100000950 N33384843W084261811-0300    +028260102400005315 0IIATL2
SUSAP KATLK7GRW09L   0123900950 N33380494W084265268-0300    +028110101900005615 0IIHZK1
SUSAP KATLK7GRW09R   0090000950 N33375453W084265268-0500    +028330102600005415 0IIFUN3
SUSAP KATLK7GRW10    0090000950 N33371298W084265236+0000    +027550100000005815 0IIOMO3
SUSAP KATLK7GRW26L   0100002750 N33384846W084241983+0300    +027390099500005215 0IIBRU1
SUSAP KATLK7GRW26R   0090002750 N33385835W084243403+0300    +027230099000005815 0IIGXZ1
SUSAP KATLK7GRW27L   0090002750 N33375456W084250624+0500    +027080098500005715 0IIFSQ1
SUSAP KATLK7GRW27R   0123902750 N33380493W084243207+0300    +026870097805005615 0IIAFA1
SUSAP KATLK7GRW28    0090002750 N33371302W084250594+0000    +027460099800005515 0IIPKU2
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	06/30/2011	

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BNA	BNA	010		IF		FB					
	BNA	GRNDY	020		TF		FB	1.0	168.0()	038.3		
	BNA	CALCO	030		TF		FB	1.0	167.9()	073.9		
	MEM	MEM	010		IF		FB					
	MEM	DEVAC	020		TF		FB	1.0	105.0()	128.1		
	MEM	CALCO	030		TF		FB	1.0	107.7()	072.1		
		CALCO	010		IF		FB					
		VIKNN	020		TF		FB	1.0	121.7()	029.6		
		HERKO	030		TF		FB	1.0	121.8()	020.5		
		RPTOR	040		TF		FB	1.0	123.9()	011.2		
		NOTRE	050		TF		FB	1.0	139.9()	012.4		
	RW08B	NOTRE	010		IF		FB					
	RW08B	NOFIV	020		TF		FB	1.0	095.2()	009.3		
	RW08B	FANEW	030		TF		FB	1.0	094.8()	011.9		
	RW08B	HAVAD	040		TF		FB	1.0	094.8()	009.2		
	RW08B	IGEBE	050		TF		FO	1.0	093.8()	005.3		
	RW08B	KATL	060		VM		FB		093.8()			
	RW09B	NOTRE	010		IF		FB					
	RW09B	NOFIV	020		TF		FB	1.0	095.2()	009.3		
	RW09B	FANEW	030		TF		FB	1.0	094.8()	011.9		
	RW09B	HAVAD	040		TF		FB	1.0	094.8()	009.2		
	RW09B	IGEBE	050		TF		FO	1.0	093.8()	005.3		
	RW09B	KATL	060		VM		FB		093.8()			
	RW10	NOTRE	010		IF		FB					
	RW10	NOFIV	020		TF		FB	1.0	095.2()	009.3		
	RW10	FANEW	030		TF		FB	1.0	094.8()	011.9		
	RW10	HAVAD	040		TF		FB	1.0	094.8()	009.2		
	RW10	IGEBE	050		TF		FO	1.0	093.8()	005.3		
	RW10	KATL	060		VM		FB		093.8()			
	RW26B	NOTRE	010		IF		FB					
	RW26B	NOFIV	020		TF		FB	1.0	095.2()	009.3		
	RW26B	FANEW	030		TF		FB	1.0	094.8()	011.9		
	RW26B	HAVAD	040		TF		FB	1.0	094.8()	009.2		
	RW26B	IGEBE	050		TF		FO	1.0	093.8()	005.3		
	RW26B	KATL	060		VM		FB		093.8()			
	RW27B	NOTRE	010		IF		FB					
	RW27B	FOGOG	020		TF		FB	1.0	142.5()	015.1		
	RW27B	BOJAA	030		TF		FB	1.0	095.0()	012.0		

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	06/30/2011	

RW27B	HEDEG	040	TF	FB	1.0	094.9()	010.1
RW27B	SOFOR	050	TF	FO	1.0	094.8()	005.2
RW27B	KATL	060	VM	FB		094.8()	
RW28	NOTRE	010	IF	FB			
RW28	FOGOG	020	TF	FB	1.0	142.5()	015.1
RW28	BOJAA	030	TF	FB	1.0	095.0()	012.0
RW28	HEDEG	040	TF	FB	1.0	094.9()	010.1
RW28	SOFOR	050	TF	FO	1.0	094.8()	005.2
RW28	KATL	060	VM	FB		094.8()	

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
BNA	N360813.06	W0864105.18	N3608.218	W08641.086
MEM	N350054.42	W0895859.55	N3500.907	W08958.993
BOJAA	N333242.11	W0841826.77	N3332.702	W08418.446
CALCO	N342042.91	W0860109.72	N3420.715	W08601.162
DEVAC	N343705.09	W0872606.60	N3437.085	W08726.110
FANEW	N334350.86	W0841939.41	N3343.848	W08419.657
FOGOG	N333242.52	W0843248.78	N3332.709	W08432.813
GRNDY	N353129.24	W0862723.31	N3531.487	W08627.389
HAVAD	N334352.37	W0840838.28	N3343.873	W08408.638
HEDEG	N333242.74	W0840625.52	N3332.712	W08406.425
HERKO	N335803.77	W0850717.70	N3358.063	W08507.295
IGEBE	N334358.98	W0840214.06	N3343.983	W08402.234
NOFIV	N334348.93	W0843352.12	N3343.816	W08433.869
NOTRE	N334351.56	W0844459.46	N3343.859	W08444.991
RPTOR	N335238.20	W0845530.47	N3352.637	W08455.508
SOFOR	N333243.56	W0840012.18	N3332.726	W08400.203
VIKNN	N340720.39	W0852918.04	N3407.340	W08529.301
RW08L	N333858.32	W0842620.49	N3338.972	W08426.342
RW08R	N333848.43	W0842618.11	N3338.807	W08426.302
RW09L	N333804.94	W0842652.68	N3338.082	W08426.878
RW09R	N333754.53	W0842652.68	N3337.909	W08426.878
RW10	N333712.98	W0842652.36	N3337.216	W08426.873
RW26L	N333848.46	W0842419.83	N3338.808	W08424.331
RW26R	N333858.35	W0842434.03	N3338.973	W08424.567
RW27L	N333754.56	W0842506.24	N3337.909	W08425.104
RW27R	N333804.93	W0842432.07	N3338.082	W08424.535
RW28	N333713.02	W0842505.94	N3337.217	W08425.099

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	06/30/2011	

RW08L	01015	59
RW08R	01024	53
RW09L	01019	56
RW09R	01026	54
RW10	01000	58
RW26L	00995	52
RW26R	00990	58
RW27L	00985	57
RW27R	00978	56
RW28	00998	55

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
HERKO RNAV	SEVEN	HERKO.HERKO7	SIX	06/30/2011	

RADIO FIX AND HOLDING DATA RECORD

NAME: BOJAA **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333242.11N/0841826.77W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CANUK (RNAV)			KATL	ATLANTA	GA (US)
STAR	ERLIN (RNAV)			KATL	ATLANTA	GA (US)
STAR	FLCON (RNAV)			KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	HONIE (RNAV)			KATL	ATLANTA	GA (US)
STAR	PECHY (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1 TO MEET NEW DOCUMENTATION STANDARDS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL APP CON
OTHER:

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: CALCO **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 342042.91N/0860109.72W **TYPE:** WP, INT, DME

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	VULCAN	VUZ	VORTAC	H	045.12	047.12	59.70	59.70		14500	45000
2	ROME	RMG	VORTAC	H	282.99	283.99	46.08	46.08		14500	45000

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	W	RMG	VORTAC	283.00	103.00	L	1 1/2		14500	45000	17	31
2	W		WP	287.70	107.70	L		15	15000	45000	28	28
3	W	RMG	VORTAC	283.00	103.00	L		15	15000	45000	23	31

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	342030.69N/0854703.53W	1779	2C
2	265	TOWER (01-000487)	344236.31N/0863205.29W	2673	1A
3	265	TOWER (01-000908)	343811.00N/0863042.00W	2412	5E

REASON FOR NONSTANDARD HOLDING:
PAT 1 ENROUTE TRAFFIC SEPARATION
PAT 2 AND 3 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
ROME (FAC 2) USED TO ESTABLISH FIX COORDINATES
FAC 1 DATA USED FOR WAYPOINT REFERENCE.
PAT 2 AND 3 - 15 NM LEGS REQUESTED BY ATC.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J22	1, 2	1			(US)
EN ROUTE	J66	1, 2	1			(US)
STAR	ERLIN (RNAV)		2	KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)		2	KATL	ATLANTA	GA (US)
STAR	ROME	1, 2	3	KATL	ATLANTA	GA (US)
STAR	RPTOR (RNAV)		2	KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
UPDATED FAC 1 DME AND DIST TO FAC FROM 59.69 TO 59.70.
UPDATED FAC 2 TRUE BRG FROM 284.00 TO 283.99 AND MAG BRG FROM 283.00 TO 282.99.
ADDED REMARK: ROME (FAC 2) USED TO ESTABLISH FIX COORDINATES.
CHANGED PAT 2 RAD/CRS/BRG FROM 284.70 TO 287.70 AND CRS INB FROM 104.7 TO 107.70.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 04/20/2012 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL ATCT/APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DEVAC **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 343705.09N/0872606.60W **TYPE:** WP, INT, DME

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	MEMPHIS	MEM	VORTAC	H	098.97	099.97	128.10	128.10		18000	45000
2	VULCAN	VUZ	VORTAC	H	333.00	335.00		62.72		18000	45000
3	ROME	RMG	VORTAC	H	283.00	284.00	118.18	118.18		14500	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MEM	VORTAC	R-099	129	17500	18000
VUZ	VORTAC	R-333	63	11000	17500
RMG	VORTAC	R-283	119	11000	18000

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	W	RMG	VORTAC	283.00	103.00	L		15	19000	45000	25	31
2	W		WP	284.97	104.97	L		15	19000	33000	28	28

REASON FOR NONSTANDARD HOLDING:
PAT 2 ATC REQUEST
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
ROME (FAC 3) USED TO ESTABLISH FIX COORDINATES
FAC 3 SUPPORTS ATLANTA STAR.
FAC 3 DATA USED FOR WAYPOINT REFERENCE.
PAT 1 AND 2 - 15 NM LEG LENGTH REQUESTED BY ATC.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J66	1, 2, 3				(US)
EN ROUTE	Q26					(US)
STAR	ERLIN (RNAV)		2	KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)		2	KATL	ATLANTA	GA (US)
STAR	ROME	1, 2, 3	1	KATL	ATLANTA	GA (US)
STAR	RPTOR (RNAV)		2	KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
ADDED REMARK: ROME (FAC 3) USED TO ESTABLISH FIX COORDINATES.
CHANGED PAT 2 RAD/CRS/BRG FROM 281.97 TO 284.97 AND CRS INB FROM 101.97 TO 104.97.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 04/20/2012 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL
ATC FACILITY: ZME
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FANEW **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 334350.86N/0841939.41W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ERLIN (RNAV)			KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	HONIE (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1 TO MEET NEW DOCUMENTATION REQUIREMENTS.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FOGOG **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333242.52N/0843248.78W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CANUK (RNAV)			KATL	ATLANTA	GA (US)
STAR	ERLIN (RNAV)			KATL	ATLANTA	GA (US)
STAR	FLCON (RNAV)			KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	HONIE (RNAV)			KATL	ATLANTA	GA (US)
STAR	PECHY (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1 TO MEET NEW DOCUMENTATION REQUIREMENTS.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-120 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: ATL
ARTCC: ZTL
ATC FACILITY: A-80
OTHER:

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: GRNDY **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 353129.24N/0862723.31W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1.
UPDATED TO NEW DOCUMENTATION FORMAT.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL
ATC FACILITY: ZTL ARTCC
OTHER:

QUALITY 3 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: HAVAD **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 334352.37N/0840838.28W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ERLIN (RNAV)			KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	HONIE (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1 TO MEET CURRENT DOCUMENTATION REQUIREMENTS.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: ATL
ARTCC: ZTL
ATC FACILITY: ATL APP CON
OTHER:

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: HEDEG **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333242.74N/0840625.52W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ERLIN (RNAV)			KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	HONIE (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: DP, STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1 TO MEET CURRENT DOCUMENTATION REQUIREMENTS.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL
ATC FACILITY: A80
OTHER:

QUALITY CHECKED 3

RADIO FIX AND HOLDING DATA RECORD

NAME: HERKO **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 335803.77N/0850717.70W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
FAC 1 REMOVED TO MEET NEW DOCUMENTATION REQUIREMENTS.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ALT APP CON
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IGEBE **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 334358.98N/0840214.06W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DAWGS (RNAV)			KATL	ATLANTA	GA (US)
DP	DOOLY (RNAV)			KATL	ATLANTA	GA (US)
DP	MUNSN (RNAV)			KATL	ATLANTA	GA (US)
DP	UGAAA (RNAV)			KATL	ATLANTA	GA (US)
STAR	ERLIN (RNAV)			KATL	ATLANTA	GA (US)
STAR	FLCON (RNAV)			KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	HONIE (RNAV)			KATL	ATLANTA	GA (US)
STAR	PECHY (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: DP, STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 10/20/2011

REASON FOR REVISION:
1. DP ADDED TO REQUIRED CHARTING.
2. FIX USE UPDATED.

DEVELOPED BY: **DATE:** 01/08/2011 **OFFICE:** AVN-110 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 08/25/2011 **OFFICE:** AVN-110 **NAME:** DONALD SMITH

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MEMPHIS VORTAC **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 350054.42N/0895859.55W **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	MEMPHIS	MEM	VORTAC	H							45000

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

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	TOWER (47-000066)	350914.00N/0894918.00W	1444	4D

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2500.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BIRMINGHAM			KBHM	BIRMINGHAM	AL (US)
DP	HUNTSVILLE			KHSV	HUNTSVILLE	AL (US)
DP	JACKSON			KJAN	JACKSON	MS (US)
DP	MEMPHIS			KMEM	MEMPHIS	TN (US)
DP	TITAN			KBNA	NASHVILLE	TN (US)
EN ROUTE	J118					(US)
EN ROUTE	J187					(US)
EN ROUTE	J29					(US)
EN ROUTE	J35					(US)
EN ROUTE	J41					(US)
EN ROUTE	J42					(US)
EN ROUTE	J66					(US)
EN ROUTE	J71					(US)
EN ROUTE	Q128					(US)
EN ROUTE	Q29					(US)
EN ROUTE	Q34					(US)
IAP	LOC/DME RWY 19			KPMU	BATESVILLE	MS (US)
IAP	ILS OR LOC RWY 18			KOLV	OLIVE BRANCH	MS (US)
IAP	LOC/DME RWY 36 (ALT MISS)			KOLV	OLIVE BRANCH	MS (US)
IAP	ILS OR LOC RWY 35			KUTA	TUNICA	MS (US)
IAP	VOR/DME-A			KUTA	TUNICA	MS (US)
IAP	VOR RWY 17			KM01	MEMPHIS	TN (US)
IAP	ILS OR LOC RWY 18C			KMEM	MEMPHIS	TN (US)
IAP	ILS OR LOC RWY 18L			KMEM	MEMPHIS	TN (US)
IAP	ILS OR LOC RWY 18R			KMEM	MEMPHIS	TN (US)
IAP	ILS OR LOC RWY 27			KMEM	MEMPHIS	TN (US)
IAP	ILS OR LOC RWY 36C			KMEM	MEMPHIS	TN (US)
IAP	ILS OR LOC RWY 36L			KMEM	MEMPHIS	TN (US)
IAP	ILS OR LOC RWY 36R			KMEM	MEMPHIS	TN (US)
IAP	ILS OR LOC RWY 9			KMEM	MEMPHIS	TN (US)
IAP	ILS RWY 36C CAT II			KMEM	MEMPHIS	TN (US)
IAP	ILS RWY 36C CAT III			KMEM	MEMPHIS	TN (US)
IAP	ILS RWY 36L CAT II			KMEM	MEMPHIS	TN (US)
IAP	ILS RWY 36L CAT III			KMEM	MEMPHIS	TN (US)
IAP	ILS RWY 36R CAT II			KMEM	MEMPHIS	TN (US)
IAP	ILS RWY 36R CAT III			KMEM	MEMPHIS	TN (US)
IAP	RNAV (GPS) RWY 27			KMEM	MEMPHIS	TN (US)
IAP	RNAV (GPS) RWY 36C			KMEM	MEMPHIS	TN (US)
IAP	RNAV (GPS) RWY 36L			KMEM	MEMPHIS	TN (US)
IAP	RNAV (GPS) RWY 36R			KMEM	MEMPHIS	TN (US)
IAP	RNAV (GPS) RWY 9			KMEM	MEMPHIS	TN (US)
IAP	RNAV (GPS) Z RWY 18C			KMEM	MEMPHIS	TN (US)
IAP	RNAV (GPS) Z RWY 18L			KMEM	MEMPHIS	TN (US)
IAP	RNAV (GPS) Z RWY 18R			KMEM	MEMPHIS	TN (US)
IAP	RNAV (GPS) RWY 36			K2M8	MILLINGTON	TN (US)
IAP	VOR/DME RWY 18			K2M8	MILLINGTON	TN (US)
IAP	ILS OR LOC RWY 22			KNQA	MILLINGTON	TN (US)
IAP	VOR/DME OR TACAN RWY 22			KNQA	MILLINGTON	TN (US)
STAR	ERLIN (RNAV)			KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	ROME			KATL	ATLANTA	GA (US)
STAR	RPTOR (RNAV)			KATL	ATLANTA	GA (US)
STAR	QBALL			KSTL	ST LOUIS	MO (US)
STAR	LTOWN (RNAV)			KMEM	MEMPHIS	TN (US)
STAR	LUGOH			KMEM	MEMPHIS	TN (US)
STAR	MARVELL			KMEM	MEMPHIS	TN (US)
STAR	TAMMY (RNAV)			KMEM	MEMPHIS	TN (US)

QUALITY 3 CHECKED

STAR	WLDER	KMEM	MEMPHIS	TN (US)
STAR	GRAHAM	KBNA	NASHVILLE	TN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 05/05/2011

REASON FOR REVISION:
1. MOVED UNPLANNED HOLDING REMARK TO HOLDING RESTRICTIONS.
2. ADDED PRECIPITOUS TERRAIN REMARK.
3. UPDATED FIX USE.
4. UPDATED HOLDING OBSTACLE.

DEVELOPED BY: **DATE:** 07/08/2010 **OFFICE:** AVN-110 **NAME:** GEORGE TRAMMELL

APPROVED BY: **DATE:** 03/08/2011 **OFFICE:** AVN-110 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZME, ZTL
ATC FACILITY: MEM APP CON/ATCT
OTHER: ATL APP CON

RADIO FIX AND HOLDING DATA RECORD

NAME: NASHVILLE VORTAC **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 360813.06N/0864105.18W **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	NASHVILLE	BNA	VORTAC	H							45000

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	NW	BNA	VORTAC	315.19	135.19	R	1		3000	6000	4	5
2	NW	BNA	VORTAC	336.00	156.00	R	1-1 1/2		7000	16000	8	15
3	E	BNA	VORTAC	080.87	260.87	L		15	18000	45000	28	29
4	E		WP	078.00	258.00	L		15	18000	45000	28	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (47-000685)	361550.00N/0864739.00W	2049	3D
2	230	TOWER (47-000685)	361550.00N/0864739.00W	2049	3D

REASON FOR NONSTANDARD HOLDING:
PAT 4 ATC REQUEST. 15 NM LEG LENGTHS ATC REQUEST.
PAT 3 ATC REQUEST. 15 NM LEG LENGTHS ATC REQUEST.

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
DO NOT CHART HOLD PAT 2/USED FOR ATC OVERFLOW.
HOLD PAT 1 CONTROLLING OBSTACLE IS IN THE SECONDARY AREA.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BIRMINGHAM			KBHM	BIRMINGHAM	AL (US)
DP	HUNTSVILLE			KHSV	HUNTSVILLE	AL (US)
DP	PLESS			KALN	ALTON/ST LOUIS	IL (US)
DP	PLESS			KBLV	BELLEVILLE	IL (US)
DP	PLESS			KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	DRUSE (RNAV)			KSTL	ST LOUIS	MO (US)
DP	PLESS			KSTL	ST LOUIS	MO (US)
DP	PLESS			KSUS	ST LOUIS	MO (US)
DP	JACKSON			KJAN	JACKSON	MS (US)
DP	ZAVER (RNAV)			KCLT	CHARLOTTE	NC (US)
DP	CHATTANOOGA			KCHA	CHATTANOOGA	TN (US)
DP	KNOXVILLE			KTYS	KNOXVILLE	TN (US)
DP	MEMPHIS			KMEM	MEMPHIS	TN (US)
DP	TITAN			KBNA	NASHVILLE	TN (US)
EN ROUTE	J39					(US)
EN ROUTE	J42					(US)
EN ROUTE	J45					(US)
EN ROUTE	J46					(US)
EN ROUTE	J73					(US)
EN ROUTE	Q19					(US)
EN ROUTE	Q32					(US)
EN ROUTE	Q34					(US)
EN ROUTE	Q36					(US)
EN ROUTE	V140					(US)
EN ROUTE	V49					(US)
IAP	RNAV (GPS) RWY 18			KHOP	FT CAMPBELL	KY (US)
IAP	RNAV (GPS) RWY 23			KHOP	FT CAMPBELL	KY (US)
IAP	RNAV (GPS) RWY 35			KM33	GALLATIN	TN (US)
IAP	VOR/DME-A			KM33	GALLATIN	TN (US)
IAP	NDB RWY 19			KM54	LEBANON	TN (US)
IAP	RNAV (GPS) RWY 01			KM54	LEBANON	TN (US)
IAP	RNAV (GPS) RWY 19			KM54	LEBANON	TN (US)
IAP	VOR/DME-A			KM54	LEBANON	TN (US)
IAP	NDB RWY 20			KLUG	LEWISBURG	TN (US)
IAP	NDB RWY 18			KMBT	MURFREESBORO	TN (US)
IAP	ILS RWY 2R (CAT II)			KBNA	NASHVILLE	TN (US)
IAP	ILS OR LOC RWY 20L			KBNA	NASHVILLE	TN (US)
IAP	ILS OR LOC RWY 20R			KBNA	NASHVILLE	TN (US)
IAP	ILS OR LOC RWY 2C			KBNA	NASHVILLE	TN (US)
IAP	ILS OR LOC RWY 2L			KBNA	NASHVILLE	TN (US)
IAP	ILS OR LOC RWY 2R			KBNA	NASHVILLE	TN (US)

INFO ONLY

IAP	ILS OR LOC RWY 31		KBNA	NASHVILLE	TN (US)
IAP	ILS RWY 2L (CAT II)		KBNA	NASHVILLE	TN (US)
IAP	ILS RWY 2L (CAT III)		KBNA	NASHVILLE	TN (US)
IAP	ILS RWY 2R (CAT III)		KBNA	NASHVILLE	TN (US)
IAP	RNAV (GPS) RWY 13		KBNA	NASHVILLE	TN (US)
IAP	RNAV (GPS) Y RWY 20L		KBNA	NASHVILLE	TN (US)
IAP	RNAV (GPS) Y RWY 20R		KBNA	NASHVILLE	TN (US)
IAP	RNAV (GPS) Y RWY 2L		KBNA	NASHVILLE	TN (US)
IAP	RNAV (GPS) Y RWY 2R		KBNA	NASHVILLE	TN (US)
IAP	RNAV (GPS) Y RWY 31		KBNA	NASHVILLE	TN (US)
IAP	VOR/DME RWY 13		KBNA	NASHVILLE	TN (US)
IAP	ILS OR LOC/DME RWY 20		KJWN	NASHVILLE	TN (US)
IAP	ILS OR LOC RWY 32		KMQY	SMYRNA	TN (US)
IAP	NDB RWY 32		KMQY	SMYRNA	TN (US)
IAP	VOR/DME RWY 14	1	KMQY	SMYRNA	TN (US)
IAP	VOR/DME RWY 32		KMQY	SMYRNA	TN (US)
IAP	LOC RWY 4 (ALT MISS)	1	KM91	SPRINGFIELD	TN (US)
STAR	ERLIN (RNAV)		KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)		KATL	ATLANTA	GA (US)
STAR	ROME		KATL	ATLANTA	GA (US)
STAR	RPTOR (RNAV)		KATL	ATLANTA	GA (US)
STAR	VIKNN (RNAV)		KATL	ATLANTA	GA (US)
STAR	QBALL		KSTL	ST LOUIS	MO (US)
STAR	LTOWN (RNAV)	4	KMEM	MEMPHIS	TN (US)
STAR	WLDER	3	KMEM	MEMPHIS	TN (US)
STAR	GRAHAM		KMBT	MURFREESBORO	TN (US)
STAR	GUITR		KMBT	MURFREESBORO	TN (US)
STAR	HEHAW		KMBT	MURFREESBORO	TN (US)
STAR	VOLLS		KMBT	MURFREESBORO	TN (US)
STAR	GRAHAM		KBNA	NASHVILLE	TN (US)
STAR	GUITR		KBNA	NASHVILLE	TN (US)
STAR	HEHAW		KBNA	NASHVILLE	TN (US)
STAR	VOLLS		KBNA	NASHVILLE	TN (US)
STAR	GRAHAM		KJWN	NASHVILLE	TN (US)
STAR	GUITR		KJWN	NASHVILLE	TN (US)
STAR	HEHAW		KJWN	NASHVILLE	TN (US)
STAR	VOLLS		KJWN	NASHVILLE	TN (US)
STAR	GRAHAM		KMQY	SMYRNA	TN (US)
STAR	GUITR		KMQY	SMYRNA	TN (US)
STAR	HEHAW		KMQY	SMYRNA	TN (US)
STAR	VOLLS		KMQY	SMYRNA	TN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
1. ADDED HOLDING PAT 3 AND PAT 4 TO SUPPORT MEM STARS.
2. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 03/14/2012 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: NOFIV **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 334348.93N/0843352.12W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CANUK (RNAV)			KATL	ATLANTA	GA (US)
STAR	ERLIN (RNAV)			KATL	ATLANTA	GA (US)
STAR	FLCON (RNAV)			KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	HONIE (RNAV)			KATL	ATLANTA	GA (US)
STAR	PECHY (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1 TO MEET CURRENT DOCUMENTATION REQUIREMENTS.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: A-80
OTHER:

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: NOTRE **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 334351.56N/0844459.46W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CANUK (RNAV)			KATL	ATLANTA	GA (US)
STAR	FLCON (RNAV)			KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	PECHY (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1 TO MEET CURRENT DOCUMENTATION REQUIREMENTS.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: ATL
ARTCC: ZTL
ATC FACILITY: A-80
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: ROME VORTAC **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 340945.22N/0850709.83W **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	ROME	RMG	VORTAC	H							45000

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	S	RMG	VORTAC	169.00	349.00	L	1-1 1/2		3000	17500	4	16
2	N	RMG	VORTAC	007.90	187.90	L	1-1 1/2		3000	17500	4	16
3	NW	RMG	VORTAC	313.00	133.00	R		15	5000	41000	18	28
4	NW		WP	317.88	137.88	R		15	15000	41000	28	29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (13-000100)	341359.00N/0851402.00W	1761	5E
1	200	AAO	340946.71N/0850709.66W	1359	2C
1	310	TOWER (13-000100)	341359.00N/0851402.00W	1761	5E
2	200	TOWER (13-003316)	340934.00N/0850213.00W	1723	4D
3	200	AAO	341919.00N/0851725.00W	1901	6C
4	265	AAO	343730.00N/0852800.00W	2409	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 COMPATIBILITY WITH PROCEDURE TURNS.
PAT 2 REQUESTED BY ATC

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR/DME RWY 19	KRMG	ROME	GA (US)
1	VOR/DME RWY 1	KRMG	ROME	GA (US)
1	ILS/DME RWY 1	KRMG	ROME	GA (US)

REMARKS:
HOLD PAT 2: 4D AC (OE-2003-ASO-5588).
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 3 AND 4 - 15 NM LEG LENGTH REQUESTED BY ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BIRMINGHAM			KBHM	BIRMINGHAM	AL (US)
DP	HUNTSVILLE			KHSV	HUNTSVILLE	AL (US)
DP	UZOVO			KRMG	ROME	GA (US)
DP	CHATTANOOGA			KCHA	CHATTANOOGA	TN (US)
DP	KNOXVILLE			KTYS	KNOXVILLE	TN (US)
DP	TITAN			KBNA	NASHVILLE	TN (US)
EN ROUTE	J66					(US)
EN ROUTE	V154					(US)
EN ROUTE	V333					(US)
EN ROUTE	V415					(US)
EN ROUTE	V417					(US)
IAP	VOR/DME OR GPS RWY 27			KC22	CENTRE	AL (US)
IAP	HI-ILS OR LOC RWY 10			KMGM	MONTGOMERY	AL (US)
IAP	HI-TACAN-A			KMGM	MONTGOMERY	AL (US)
IAP	ILS OR LOC RWY 08L			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 08R			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 26L			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 26R			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 27L			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 27R			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08L (SIM CLOSE PAR (CAT III)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08L (SIM CLOSE PAR)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08L (SIM CLOSE PAR) (CAT II)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08R (SIM CLOSE PAR)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26L (SIM CLOSE PAR)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26R (CAT II)			KATL	ATLANTA	GA (US)

IAP	ILS PRM RWY 26R (SIM CLOSE PAR)		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26R (SIM CLOSE PAR) (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 27L (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 27L (SIM CLOSE PAR)		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 27R (SIM CLOSE PAR)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 08L (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 08L (CAT III)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 26R (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 27L (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 8		KFTY	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 8		KFTY	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 20L		KPDK	ATLANTA	GA (US)
IAP	VOR/DME RWY 20L		KPDK	ATLANTA	GA (US)
IAP	VOR/DME-A		KPDK	ATLANTA	GA (US)
IAP	ILS OR LOC/DME RWY 31		KPUJ	ATLANTA	GA (US)
IAP	RNAV (GPS) RWY 13		KPUJ	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 27		KRYY	ATLANTA	GA (US)
IAP	VOR/DME RWY 9		KRYY	ATLANTA	GA (US)
IAP	LOC RWY 35		KCZL	CALHOUN	GA (US)
IAP	RNAV (GPS) RWY 17		KCZL	CALHOUN	GA (US)
IAP	RNAV (GPS) RWY 35		KCZL	CALHOUN	GA (US)
IAP	ILS OR LOC/NDB RWY 35		KCTJ	CARROLLTON	GA (US)
IAP	LOC RWY 19		KVPC	CARTERSVILLE	GA (US)
IAP	RNAV (GPS) RWY 19		KVPC	CARTERSVILLE	GA (US)
IAP	VOR/DME-A		KVPC	CARTERSVILLE	GA (US)
IAP	VOR-A	2	K4A4	CEDARTOWN	GA (US)
IAP	ILS OR LOC RWY 14 (ALT MA)	1	KDNN	DALTON	GA (US)
IAP	RNAV (GPS) RWY 34		KJZP	JASPER	GA (US)
IAP	ILS/DME RWY 1	1	KRMG	ROME	GA (US)
IAP	RNAV (GPS) RWY 19		KRMG	ROME	GA (US)
IAP	RNAV (GPS) RWY 7		KRMG	ROME	GA (US)
IAP	VOR/DME RWY 1	1	KRMG	ROME	GA (US)
IAP	VOR/DME RWY 19	1	KRMG	ROME	GA (US)
STAR	ERLIN (RNAV)	4	KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)	4	KATL	ATLANTA	GA (US)
STAR	LA GRANGE		KATL	ATLANTA	GA (US)
STAR	ROME	3	KATL	ATLANTA	GA (US)
STAR	RPTOR (RNAV)	4	KATL	ATLANTA	GA (US)
STAR	BUNNI		KFTY	ATLANTA	GA (US)
STAR	BUNNI		KPDK	ATLANTA	GA (US)
STAR	BUNNI		KPUJ	ATLANTA	GA (US)
STAR	BUNNI		KRYY	ATLANTA	GA (US)
STAR	BUNNI		KVPC	CARTERSVILLE	GA (US)
STAR	BUNNI		K9A1	COVINGTON	GA (US)
STAR	BUNNI		KLZU	LAWRENCEVILLE	GA (US)
STAR	BUNNI		KMGE	MARIETTA	GA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
CHANGED PAT 4 RAD/CRS/BRG FROM 314.88 TO 317.88 AND CRS INB FROM 134.88 TO 137.88.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/01/2012 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: RPTOR **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 335238.20N/0845530.47W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	RPTOR (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1 TO MEET CURRENT DOCUMENTATION REQUIREMENTS.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL APP CON
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: SOFOR **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333243.56N/0840012.18W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CANUK (RNAV)			KATL	ATLANTA	GA (US)
STAR	ERLIN (RNAV)			KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	HONIE (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1 TO MEET CURRENT DOCUMENTATION REQUIREMENTS.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL APP CON
OTHER:

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: VIKNN **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 340720.39N/0852918.04W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1 TO MEET CURRENT DOCUMENTATION REQUIREMENTS.

DEVELOPED BY: **DATE:** 01/13/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL APP CON
OTHER:

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: WOTBA **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 334350.63N/0845051.07W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CANUK (RNAV)			KATL	ATLANTA	GA (US)
STAR	ERLIN (RNAV)			KATL	ATLANTA	GA (US)
STAR	FLCON (RNAV)			KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)			KATL	ATLANTA	GA (US)
STAR	PECHY (RNAV)			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: STAR, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 1 TO MEET CURRENT DOCUMENTATION REQUIREMENTS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/20/2010 **OFFICE:** AVN-110 **NAME:** ANDI LAU

APPROVED BY: **DATE:** 04/20/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: ATL
ARTCC: ZTL
ATC FACILITY: ATL APP CON
OTHER:

QUALITY CHECKED

INFO ONLY

Name:	Dennis Osterhage
Project Name:	KATL RNAV STARS
Output File:	KATL HERKO7 STAR BNA IGEBE 20120515_0725
Procedure Name:	KATL HERKO7
Software:	RNAV-Pro™
Version:	2.36
Date/Time:	5/15/2012 7:25:50 AM
Input File:	KATL HERKO7 STAR BNA IGEBE 20120515_0557.txt
Databases:	AVNIS Date: 02/07/2012
	Obstacle Date: 08/26/2011
	NFD Date: 09/30/2010
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔
DME/DME	✔
Radars	?
Comms	?
TERPS	?

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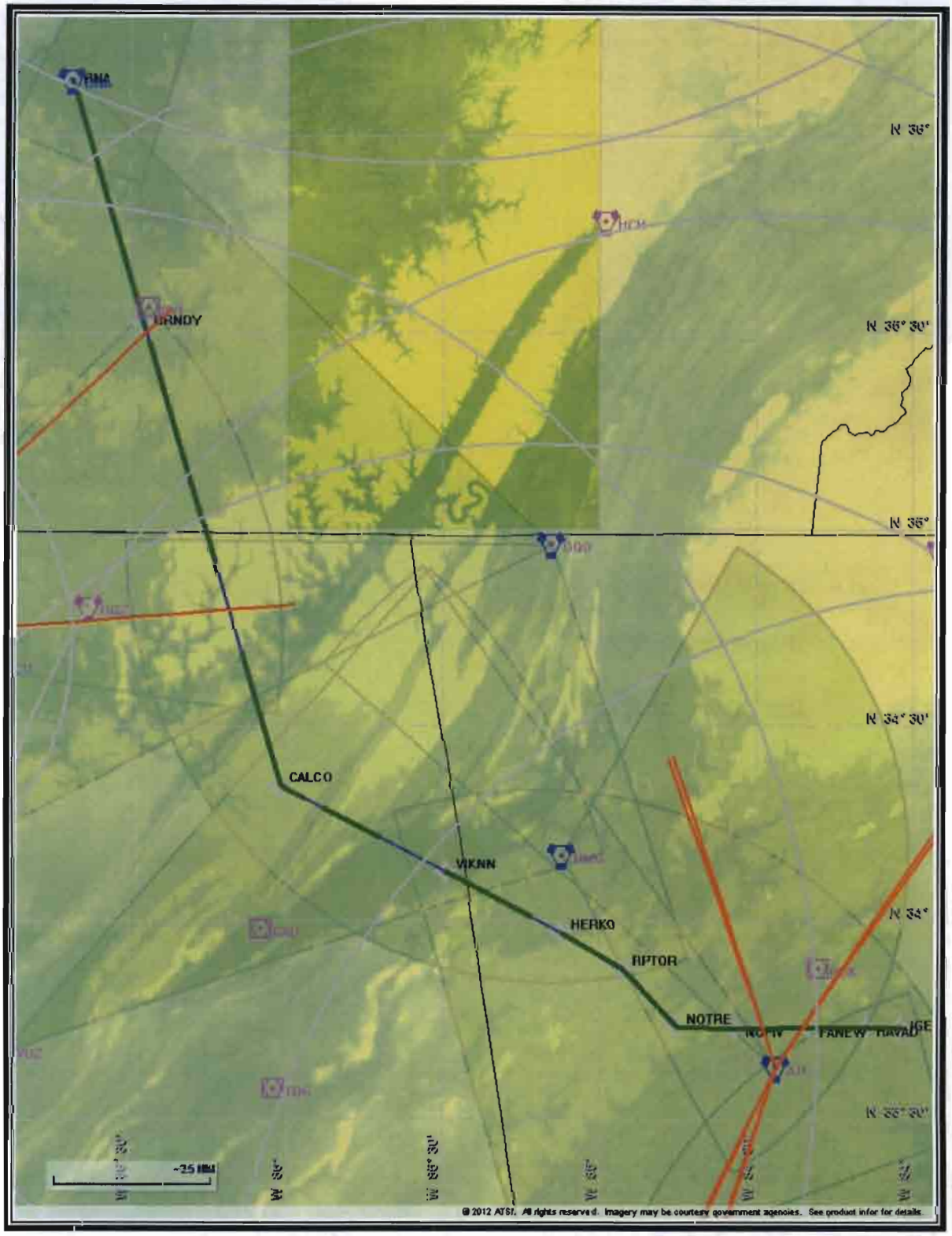
BNA
URNDY
CALCO
VKNN
HERKO
RPTOR
NOTRE
IGE
N 36°
N 35° 30'
N 35°
N 34° 30'
N 34°
~25 NM
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
BNA	WP	N 36° 8' 13.06" W 86° 41' 5.18"	18000.0	Step	240.0	Fly By	TF
GRNDY	WP	N 35° 31' 29.24" W 86° 27' 23.31"	18000.0	Step	240.0	Fly By	TF
CALCO	WP	N 34° 20' 42.91" W 86° 1' 9.72"	14500.0	Step	210.0	Fly By	TF
VIKNN	WP	N 34° 7' 20.39" W 85° 29' 18.04"	5000.0	Step	180.0	Fly By	TF
HERKO	WP	N 33° 58' 3.77" W 85° 7' 17.70"	5000.0	Step	180.0	Fly By	TF
RPTOR	WP	N 33° 52' 38.20" W 84° 55' 30.47"	5000.0	Step	180.0	Fly By	TF
NOTRE	WP	N 33° 43' 51.56" W 84° 44' 59.46"	5000.0	Step	180.0	Fly By	TF
NOFIV	WP	N 33° 43' 48.93" W 84° 33' 52.12"	5000.0	Step	180.0	Fly By	TF
FANEW	WP	N 33° 43' 50.86" W 84° 19' 39.41"	5000.0	Step	180.0	Fly By	TF
HAVAD	WP	N 33° 43' 52.37" W 84° 8' 38.28"	5000.0	Step	180.0	Fly By	TF
IGEBE	WP	N 33° 43' 58.98" W 84° 2' 14.06"	5000.0	Step	180.0	Fly Over	TF

Flyability

Return To Summary

Settings:

Flight Type: Arrival
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:

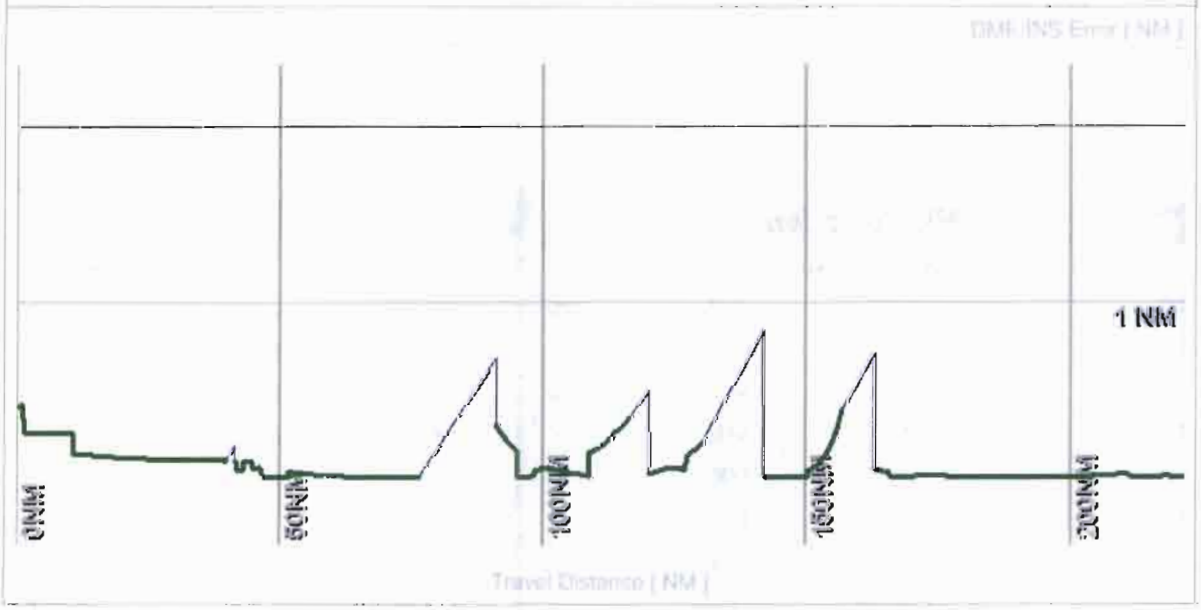
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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: 13

Maximum DME Error: 0.880 NM.

No Critical DMEs were found.

Available DMEs: IIU, BWG, SYI, GQO, BNA, MSL, RQZ, GAD, VUZ, RMG, LGC, ATL, PDK, MCN, AHN



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	IIU	N 38° 6' 12.47" W 85° 34' 38.77" E 1	H + ESV	User	NO	0.880	Enabled	4.1 %	4.8 %
2	SYI	N 35° 33' 43.12" W 86° 26' 20.95" W 1	L	Database	NO	1.429	Enabled	10.9 %	11.7 %
3	GQO	N 34° 57' 40.57" W 85° 9' 12.12" E 1	H + ESV	User	NO	1.655	Enabled	28.6 %	31.8 %
4	BWG	N 36° 55' 43.47" W 86° 26' 36.36" E 2	H	Database	NO	0.994	Enabled	11.9 %	13.8 %
5	MSL	N 34° 42' 24.68" W 87° 29' 29.70" E 1	L + ESV	User	NO	0.880	Enabled	13.1 %	14.2 %
6	RQZ	N 34° 47' 50.06" W 86° 38' 1.85" E 2	L	Database	NO	0.902	Enabled	7.1 %	7.6 %
7	GAD	N 33° 58' 35.05" W 86° 5' 0.81" E 2	L	Database	NO	0.890	Enabled	12.2 %	12.0 %
8	VUZ	N 33° 40' 12.67" W 86° 53' 59.28" E 2	H + ESV	User	NO	0.880	Enabled	1.4 %	1.5 %
9	RMG	N 34° 9' 45.25" W 85° 7' 9.92" E 1	H + ESV	User	NO	1.505	Enabled	17.0 %	15.3 %
10	LGC	N 33° 2' 56.74" W 85° 12' 22.30" E 1	H + ESV	User	NO	1.720	Enabled	32.1 %	28.8 %
11	ATL	N 33° 37' 44.65" W 84° 26' 3.89" E 0	H + ESV	User	NO	0.917	Enabled	15.7 %	14.1 %
12	PDK	N 33° 52' 32.27" W 84° 17' 55.73" W 2	L	Database	NO	0.880	Enabled	10.1 %	9.1 %
13	MCN	N 32° 41' 28.40" W 83° 38' 49.85" E 1	H + ESV	User	NO	0.880	Enabled	1.3 %	1.2 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	IIU	SYI	BWG	GQO	BNA	
38.3	MSL	SYI	BWG	GQO	RQZ	BNA
94.7	MSL	VUZ	GAD	GQO	RQZ	
111.2	RMG	VUZ	GAD	GQO	LGC	
141.7	RMG	LGC	GAD			
162.1	RMG	LGC	PDK	ATL		
172.9	RMG	LGC	PDK	ATL		
185.1	RMG	LGC	PDK	ATL		
195.0	RMG	LGC	PDK	ATL		
206.9	RMG	LGC	PDK	ATL		

DME/DME (Continued.)

Return To Summary

Flight Check DME Selection (Continued.)

Distance [NM]	Selected DMEs					Alternate
216.0	MCN	LGC	PDK	ATL	AHN	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 35° 30' 24.22" W 86° 26' 59.18"	N 35° 28' 40.82" W 86° 26' 20.36"	1.8
	VOR: BNA	Available from N 35° 30' 24.22" W 86° 26' 59.18" to N 35° 29' 53.57" W 86° 26' 47.71"	
	VOR: SYI	Available from N 35° 30' 24.22" W 86° 26' 59.18" to N 35° 28' 40.82" W 86° 26' 20.36"	
	VOR: UXM	Available from N 35° 30' 24.22" W 86° 26' 59.18" to N 35° 28' 40.82" W 86° 26' 20.36"	
2	N 34° 55' 17.46" W 86° 13' 52.48"	N 34° 41' 18.18" W 86° 8' 42.54"	14.6
	VOR: DCU	Available from N 34° 55' 17.46" W 86° 13' 52.48" to N 34° 41' 18.18" W 86° 8' 42.54"	
	VOR: RQZ	Available from N 34° 55' 17.46" W 86° 13' 52.48" to N 34° 41' 18.18" W 86° 8' 42.54"	
	VOR: SYI	Available from N 34° 55' 17.46" W 86° 13' 52.48" to N 34° 55' 2.13" W 86° 13' 46.80"	
	VOR: UXM	Available from N 34° 55' 17.46" W 86° 13' 52.48" to N 34° 43' 1.68" W 86° 9' 20.66"	
3	N 34° 18' 56.01" W 85° 56' 54.06"	N 34° 17' 18.84" W 85° 53' 1.27"	3.6
	VOR: GAD	Available from N 34° 18' 56.01" W 85° 56' 54.06" to N 34° 17' 18.84" W 85° 53' 1.27"	
	VOR: RMG	Available from N 34° 17' 53.01" W 85° 54' 23.08" to N 34° 17' 18.84" W 85° 53' 1.27"	
4	N 34° 12' 42.13" W 85° 42' 0.98"	N 34° 7' 27.91" W 85° 29' 35.80"	11.6
	VOR: GAD	Available from N 34° 12' 42.13" W 85° 42' 0.98" to N 34° 7' 27.91" W 85° 29' 35.80"	
	VOR: RMG	Available from N 34° 12' 42.13" W 85° 42' 0.98" to N 34° 7' 27.91" W 85° 29' 35.80"	

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments (Continued.)

#	Start Location	End Location	Length [NM]
5	N 34° 0' 36.43" W 85° 13' 18.33"	N 33° 57' 57.35" W 85° 7' 3.23"	5.8
	VOR: FTYI	Available from N 34° 0' 36.43" W 85° 13' 18.33" to N 33° 57' 57.35" W 85° 7' 3.23"	
	VOR: RMG	Available from N 34° 0' 36.43" W 85° 13' 18.33" to N 33° 57' 57.35" W 85° 7' 3.23"	
	VOR: ATL	Available from N 33° 58' 6.67" W 85° 7' 24.52" to N 33° 57' 57.35" W 85° 7' 3.23"	

User DMEs

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	RMG	N 34° 9' 45.25" W 85° 7' 9.92" E 1	H	1150.0	115.40	RMG	Used
		ESV: Bearing [True]: 30.0° to 150.0° Bearing [Mag]: 29.0° to 149.0°			Arc Distance: Out to 55.0 NM Altitude: 4000.0 to 14000.0 Ft.		
2	LGC	N 33° 2' 56.74" W 85° 12' 22.30" E 1	H	790.0	115.60	LGC	Used
		ESV: Bearing [True]: 343.0° to 70.0° Bearing [Mag]: 342.0° to 69.0°			Arc Distance: Out to 77.0 NM Altitude: 4000.0 to 18000.0 Ft.		
3	MCN	N 32° 41' 28.40" W 83° 38' 49.85" E 1	H	350.0	114.20	MCN	Used
		ESV: Bearing [True]: 295.0° to 345.0° Bearing [Mag]: 294.0° to 344.0°			Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 14000.0 Ft.		
4	ATL	N 33° 37' 44.65" W 84° 26' 3.89" E 0	H	1000.2	116.90	ATL	Used
		Restriction: Bearing [True]: 36.0° to 199.0° Bearing [Mag]: 36.0° to 199.0°			Distance: Beyond 0.0 NM Altitude: Below 5000.0 Ft.		
		Restriction: Bearing [True]: 200.0° to 207.0° Bearing [Mag]: 200.0° to 207.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 Ft.		
		Restriction: Bearing [True]: 208.0° to 340.0° Bearing [Mag]: 208.0° to 340.0°			Distance: Beyond 0.0 NM Altitude: Below 5000.0 Ft.		
		Restriction: Bearing [True]: 341.0° to 35.0° Bearing [Mag]: 341.0° to 35.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 Ft.		
		ESV: Bearing [True]: 311.0° to 324.0° Bearing [Mag]: 311.0° to 324.0°			Arc Distance: Out to 95.0 NM Altitude: 8500.0 to 20000.0 Ft.		
5	GQO	N 34° 57' 40.57" W 85° 9' 12.12" E 1	H	1013.0	115.80	GQO	Used
		ESV: Bearing [True]: 161.0° to 271.0° Bearing [Mag]: 160.0° to 270.0°			Arc Distance: Out to 67.0 NM Altitude: 6500.0 to 18000.0 Ft.		
		ESV: Bearing [True]: 244.0° to 314.0° Bearing [Mag]: 243.0° to 313.0°			Arc Distance: Out to 110.0 NM Altitude: 11000.0 to 24000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
6	VUZ	N 33° 40' 12.67" W 86° 53' 59.28" E 2	H	750.0	114.40	VUZ	Used
		ESV:	Bearing [True]: 42.0° to 72.0° Bearing [Mag]: 40.0° to 70.0°		Arc Distance: Out to 100.0 NM Altitude: 9000.0 to 20000.0 Ft.		
7	MSL	N 34° 42' 24.68" W 87° 29' 29.70" E 1	L	579.7	116.50	MSL	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]: 45.0° to 98.0° Bearing [Mag]: 44.0° to 97.0°		Arc Distance: Out to 73.0 NM Altitude: 13500.0 to 23000.0 Ft.		
8	IIU	N 38° 6' 12.47" W 85° 34' 38.77" E 1	H	720.0	114.80	IIU	Used
		ESV:	Bearing [True]: 198.0° to 207.0° Bearing [Mag]: 197.0° to 206.0°		Arc Distance: Out to 140.0 NM Altitude: 17900.0 to 45000.0 Ft.		

Name:	Dennis Osterhage
Project Name:	KATL RNAV STARS
Output File:	KATL HERKO7 STAR MEM SOFOR 20120628_1104
Procedure Name:	KATL HERKO7
Software:	RNAV-Pro™
Version:	2.36
Date/Time:	6/28/2012 11:04:56 AM
Input File:	KATL HERKO STAR MEM SOFOR 20120628_1036.txt
Databases:	AVNIS Date: 02/07/2012
	Obstacle Date: 08/26/2011
	NFD Date: 09/30/2010
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔
DME/DME	✔
Radars	?
Comms	?
TERPS	?

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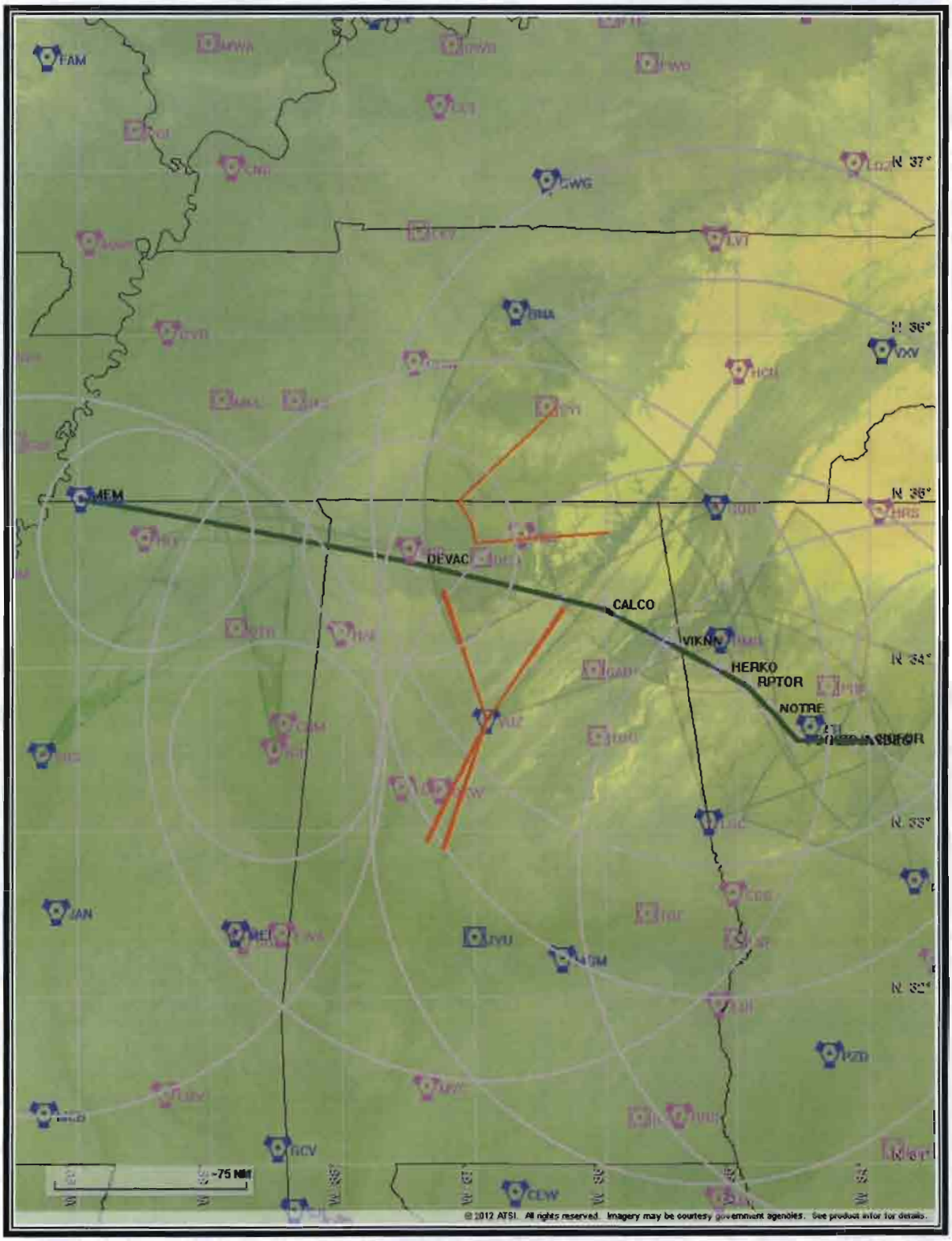
MEM
DEVAC
CALCO
VIKNN
HERKO
RPTOR
NOTRE
N 37°
N 36°
N 35°
N 34°
N 33°
N 32°
75 NM
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
MEM	WP	N 35° 0' 54.42" W 89° 58' 59.55"	19000.0	Step	240.0	Fly By	TF
DEVAC	WP	N 34° 37' 5.09" W 87° 26' 6.60"	19000.0	Step	240.0	Fly By	TF
CALCO	WP	N 34° 20' 42.91" W 86° 1' 9.72"	14500.0	Step	210.0	Fly By	TF
VIKNN	WP	N 34° 7' 20.39" W 85° 29' 18.04"	5000.0	Step	180.0	Fly By	TF
HERKO	WP	N 33° 58' 3.77" W 85° 7' 17.70"	5000.0	Step	180.0	Fly By	TF
RPTOR	WP	N 33° 52' 38.20" W 84° 55' 30.47"	5000.0	Step	180.0	Fly By	TF
NOTRE	WP	N 33° 43' 51.56" W 84° 44' 59.46"	5000.0	Step	180.0	Fly By	TF
FOGOG	WP	N 33° 32' 42.52" W 84° 32' 48.78"	4000.0	Step	180.0	Fly By	TF
BOJAA	WP	N 33° 32' 42.11" W 84° 18' 26.77"	4000.0	Step	180.0	Fly By	TF
HEDEG	WP	N 33° 32' 42.74" W 84° 6' 25.52"	4000.0	Step	180.0	Fly By	TF
SOFOR	WP	N 33° 32' 43.56" W 84° 0' 12.18"	4000.0	Step	180.0	Fly Over	TF

Flyability

Return To Summary

Settings:

Flight Type: Arrival
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:

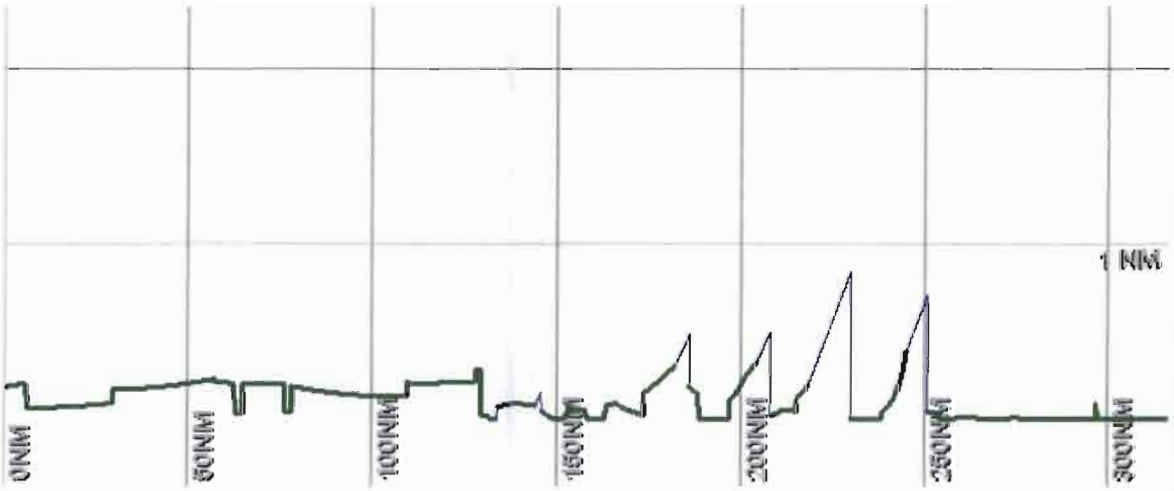
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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: 19

Maximum DME Error: 0.880 NM.

No Critical DMEs were found.

Available DMEs: SQS, ARG, LIT, MEM, VUZ, MSL, HLI, IGB, BNA, DCU, RQZ, GQO, GAD, RMG, LGC, ATL, PDK, AHN, MCN



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	SQS	N 33° 27' 49.90" W 90° 16' 38.40" E 3	H + ESV	User	NO	1.669	Enabled	20.9 %	23.4 %
2	LIT	N 34° 40' 39.62" W 92° 10' 49.90" E 5	H	Database	NO	0.880	Enabled	1.6 %	1.8 %
3	MEM	N 35° 0' 54.42" W 89° 58' 59.55" E 1	H	Database	NO	0.880	Enabled	12.8 %	14.3 %
4	ARG	N 36° 6' 36.07" W 90° 57' 13.30" E 4	H	Database	NO	0.880	Enabled	7.8 %	8.8 %
5	VUZ	N 33° 40' 12.67" W 86° 53' 59.28" E 2	H + ESV	User	NO	0.880	Enabled	16.3 %	18.1 %
6	IGB	N 33° 29' 7.69" W 88° 30' 49.00" E 4	L + ESV	User	NO	0.880	Enabled	1.0 %	1.2 %
7	HLI	N 34° 46' 12.95" W 89° 29' 47.39" E 3	L + ESV	User	NO	0.880	Enabled	0.6 %	0.6 %
8	BNA	N 36° 8' 13.06" W 86° 41' 5.18" W 2	H	Database	NO	0.880	Enabled	14.1 %	15.9 %
9	DCU	N 34° 38' 53.94" W 86° 56' 22.29" W 1	L	Database	NO	0.880	Enabled	8.8 %	9.2 %
10	RQZ	N 34° 47' 50.06" W 86° 38' 1.85" E 2	L	Database	NO	0.880	Enabled	12.5 %	13.0 %
11	MSL	N 34° 42' 24.68" W 87° 29' 29.70" E 1	L + ESV	User	NO	0.880	Enabled	6.9 %	7.2 %
12	GQO	N 34° 57' 40.57" W 85° 9' 12.12" E 1	H + ESV	User	NO	0.880	Enabled	9.6 %	9.7 %
13	GAD	N 33° 58' 35.05" W 86° 5' 0.81" E 2	L	Database	NO	0.899	Enabled	7.9 %	7.3 %
14	RMG	N 34° 9' 45.25" W 85° 7' 9.92" E 1	H + ESV	User	NO	1.507	Enabled	15.4 %	13.3 %
15	LGC	N 33° 2' 56.74" W 85° 12' 22.30" E 1	H + ESV	User	NO	1.718	Enabled	23.6 %	20.4 %

DME/DME (Continued.)

Return To Summary

DMEs Used (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
16	ATL	N 33° 37' 42.68" W 84° 26' 6.26" W 0	H	Database	NO	0.918	Enabled	5.8 %	5.0 %
17	PDK	N 33° 52' 32.27" W 84° 17' 55.73" W 2	L	Database	NO	0.880	Enabled	8.8 %	7.6 %
18	AHN	N 33° 56' 51.30" W 83° 19' 29.10" E 0	L + ESV	User	NO	0.880	Enabled	2.0 %	1.7 %
19	MCN	N 32° 41' 28.40" W 83° 38' 49.85" E 1	H + ESV	User	NO	0.880	Enabled	4.9 %	4.3 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	SQS	LIT	MEM	ARG		
47.5	SQS	VUZ	HLI	ARG	IGB	MSL
65.7	SQS	VUZ	BNA	MEM	IGB	
128.0	MSL	VUZ	RQZ	MEM	DCU	BNA
138.1	MSL	DCU	RQZ	GQO		
163.3	GAD	DCU	RQZ	GQO	VUZ	
199.6	GAD	RMG	LGC	GQO	VUZ	
229.7	GAD	RMG	LGC			
250.2	PDK	RMG	LGC	ATL		
261.0	PDK	RMG	LGC	ATL		
273.7	PDK	RMG	LGC	AHN		
288.2	PDK	RMG	LGC	AHN	MCN	
300.9	PDK	MCN	LGC	AHN		
310.9	PDK	MCN	LGC	AHN		

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 34° 35' 56.35" W 87° 19' 55.63"	N 34° 35' 51.03" W 87° 19' 27.28"	0.4
	VOR: DCU	Available from N 34° 35' 56.35" W 87° 19' 55.63" to N 34° 35' 51.03" W 87° 19' 27.28"	
	VOR: MSL	Available from N 34° 35' 56.35" W 87° 19' 55.63" to N 34° 35' 51.03" W 87° 19' 27.28"	
	VOR: RQZ	Available from N 34° 35' 56.35" W 87° 19' 55.63" to N 34° 35' 51.03" W 87° 19' 27.28"	
2	N 34° 33' 33.01" W 87° 7' 15.21"	N 34° 33' 11.55" W 87° 5' 21.91"	1.6
	VOR: DCU	Available from N 34° 33' 33.01" W 87° 7' 15.21" to N 34° 33' 11.55" W 87° 5' 21.91"	
	VOR: MSL	Available from N 34° 33' 33.01" W 87° 7' 15.21" to N 34° 33' 11.55" W 87° 5' 21.91"	
	VOR: RQZ	Available from N 34° 33' 33.01" W 87° 7' 15.21" to N 34° 33' 11.55" W 87° 5' 21.91"	
3	N 34° 24' 56.55" W 86° 22' 33.39"	N 34° 24' 2.99" W 86° 18' 0.54"	3.9
	VOR: DCU	Available from N 34° 24' 56.55" W 86° 22' 33.39" to N 34° 24' 2.99" W 86° 18' 0.54"	
	VOR: GAD	Available from N 34° 24' 56.55" W 86° 22' 33.39" to N 34° 24' 2.99" W 86° 18' 0.54"	
	VOR: RQZ	Available from N 34° 24' 56.55" W 86° 22' 33.39" to N 34° 24' 2.99" W 86° 18' 0.54"	
4	N 34° 18' 57.10" W 85° 56' 54.82"	N 34° 17' 19.98" W 85° 53' 2.62"	3.6
	VOR: GAD	Available from N 34° 18' 57.10" W 85° 56' 54.82" to N 34° 17' 19.98" W 85° 53' 2.62"	
	VOR: RMG	Available from N 34° 17' 53.99" W 85° 54' 23.90" to N 34° 17' 19.98" W 85° 53' 2.62"	
5	N 34° 12' 42.04" W 85° 42' 0.34"	N 34° 7' 27.68" W 85° 29' 35.24"	11.6
	VOR: GAD	Available from N 34° 12' 42.04" W 85° 42' 0.34" to N 34° 7' 27.68" W 85° 29' 35.24"	
	VOR: RMG	Available from N 34° 12' 42.04" W 85° 42' 0.34" to N 34° 7' 27.68" W 85° 29' 35.24"	

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments (Continued.)

#	Start Location	End Location	Length [NM]
6	N 34° 0' 36.20" W 85° 13' 17.78"	N 33° 57' 58.69" W 85° 7' 6.21"	5.8
	VOR: FTYI	Available from N 34° 0' 36.20" W 85° 13' 17.78" to N 33° 57' 58.69" W 85° 7' 6.21"	
	VOR: RMG	Available from N 34° 0' 36.20" W 85° 13' 17.78" to N 33° 57' 58.69" W 85° 7' 6.21"	
	VOR: ATL	Available from N 33° 58' 6.43" W 85° 7' 23.97" to N 33° 57' 58.69" W 85° 7' 6.21"	

User DMEs

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	RMG	N 34° 9' 45.25" W 85° 7' 9.92" E 1	H	1150.0	115.40	RMG	Used
		ESV:	Bearing [True]: 30.0° to 150.0° Bearing [Mag]: 29.0° to 149.0°		Arc Distance: Out to 55.0 NM Altitude: 4000.0 to 14000.0 Ft.		
2	LGC	N 33° 2' 56.74" W 85° 12' 22.30" E 1	H	790.0	115.60	LGC	Used
		ESV:	Bearing [True]: 343.0° to 70.0° Bearing [Mag]: 342.0° to 69.0°		Arc Distance: Out to 77.0 NM Altitude: 4000.0 to 18000.0 Ft.		
3	MCN	N 32° 41' 28.40" W 83° 38' 49.85" E 1	H	350.0	114.20	MCN	Used
		ESV:	Bearing [True]: 289.0° to 345.0° Bearing [Mag]: 288.0° to 344.0°		Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 14000.0 Ft.		
4	AHN	N 33° 56' 51.30" W 83° 19' 29.10" E 0	L	790.0	109.60	AHN	Used
		ESV:	Bearing [True]: 215.0° to 290.0° Bearing [Mag]: 215.0° to 290.0°		Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 14000.0 Ft.		
5	GQO	N 34° 57' 40.57" W 85° 9' 12.12" E 1	H	1013.0	115.80	GQO	Used
		ESV:	Bearing [True]: 161.0° to 271.0° Bearing [Mag]: 160.0° to 270.0°		Arc Distance: Out to 67.0 NM Altitude: 6500.0 to 18000.0 Ft.		
		ESV:	Bearing [True]: 244.0° to 314.0° Bearing [Mag]: 243.0° to 313.0°		Arc Distance: Out to 110.0 NM Altitude: 11000.0 to 24000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
6	VUZ	N 33° 40' 12.67" W 86° 53' 59.28" E 2	H	750.0	114.40	VUZ	Used
	Restriction:	Bearing [True]: 36.0° to 199.0° Bearing [Mag]: 34.0° to 197.0°			Distance: Beyond 0.0 NM Altitude: Below 5000.0 Ft.		
	Restriction:	Bearing [True]: 200.0° to 207.0° Bearing [Mag]: 198.0° to 205.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 Ft.		
	Restriction:	Bearing [True]: 208.0° to 340.0° Bearing [Mag]: 206.0° to 338.0°			Distance: Beyond 0.0 NM Altitude: Below 5000.0 Ft.		
	Restriction:	Bearing [True]: 341.0° to 35.0° Bearing [Mag]: 339.0° to 33.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 Ft.		
	ESV:	Bearing [True]: 42.0° to 72.0° Bearing [Mag]: 40.0° to 70.0°			Arc Distance: Out to 100.0 NM Altitude: 9000.0 to 20000.0 Ft.		
7	IGB	N 33° 29' 7.69" W 88° 30' 49.00" E 4	L	240.1	116.20	IGB	Used
	ESV:	Bearing [True]: 347.0° to 5.0° Bearing [Mag]: 343.0° to 1.0°			Arc Distance: Out to 85.0 NM Altitude: 18000.0 to 24000.0 Ft.		
8	SQS	N 33° 27' 49.90" W 90° 16' 38.40" E 3	H	125.0	114.70	SQS	Used
	ESV:	Bearing [True]: 33.0° to 53.0° Bearing [Mag]: 30.0° to 50.0°			Arc Distance: Out to 126.0 NM Altitude: 15000.0 to 24000.0 Ft.		
9	MSL	N 34° 42' 24.68" W 87° 29' 29.70" E 1	L	579.7	116.50	MSL	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]: 273.0° to 283.0° Bearing [Mag]: 272.0° to 282.0°			Arc Distance: Out to 73.0 NM Altitude: 14000.0 to 24000.0 Ft.		
10	HLI	N 34° 46' 12.95" W 89° 29' 47.39" E 3	L	630.0	112.40	HLI	Used
	ESV:	Bearing [True]: 75.0° to 91.0° Bearing [Mag]: 72.0° to 88.0°			Arc Distance: Out to 51.0 NM Altitude: 13000.0 to 23000.0 Ft.		