

Flight Procedure Tracking Form		Action: CANCELLATION	Task Type: STAR	Date Open: 02/25/2011	Task #: 2010040925052202001	Request #: 20100409250522
Procedure: STAR NOTTINGHAM SIX BALTIMORE MD KBWI			Airport ID: KBWI	Airport: BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL		Reimbursable #:
City: BALTIMORE		ST: MD		GPS #:	Estimated Chart Date: 08/22/2013	FICO #:
Fac ID:			Fac. Type:		Specialist: SHAWN REDDINGER	

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:				
QA:	2/22/13			2/22/13 2/23/13 2/27/13 SHAWN
Liaison:				

Procedure Comments: ENROUTE **Remark Type:** INFORMATION

ATTACHED FORMS: 8260-15B, B, 8260-2'S RIPKN, MD REV 1 CANCEL; OGATE, VA REV 5; PEGBY, VA REV 6; SABBI INT, VA REV 7.

Priority 3

FEB 27 2013

STAR - Standard Terminal Arrival

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

(1) Transition Routes

(a) Transition Name	(b) Transition Computer Codes	(c) From RNAV WP/ FIX/NAVAID	(d) To RNAV WP/ FIX/NAVAID	(e) Mag Course/ Distance	(f) MEA	(g) MOCA	(h) MAA	(i) Crossing Altitudes / Fixes

(2) Arrival Route Description:

PROCEDURE CANCELLED EFFECTIVE _____.

(3) Procedural Data Notes:

(4) Fixes and/or Holding Patterns:

(5) Communications:

QUALITY
1
CHECKED

(6) Arrival Name NOTTINGHAM	(7) Number SIX	(8) STAR Computer Code OTT.OTT6	(9) Superseded Nr. FIVE	(10) Dated 10/5/2000	(11) Effective Date 2/19/2004
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(12) Airports Served

Airport Name BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL

City/State BALTIMORE, MD

Airport Name MARTIN STATE

City/State BALTIMORE, MD

Airport Name CARROLL COUNTY RGNL

City/State WESTMINSTER, MD

Airport Name

City/State

Airport Name

City/State

Airport Name

City/State

(13) Lost Communications Procedure:

(14) Remarks:

(15) Additional Flight Data:

QUALITY
1
CHECKED

(6) Arrival Name
NOTTINGHAM

(7) Number
SIX

(8) STAR Computer Code
OTT.OTT6

(9) Superseded Nr.
FIVE

(10) Dated
10/5/2000

(11) Effective Date
2/19/2004

(16) Continuation:

(17) Changes:
PROCEDURE CANCELLED.

(18) Reasons for Changes:
FPT REQUEST.

Developed By	Name (Typed and Signed), Title and Organization		DATE		
	SHAWN L. REDDINGER AERONAUTICAL INFORMATION SPECIALIST (AIS) AJV-352		02/21/2013		
Approved	NFPO		QUALITY 1 CHECKED		
	Reg. ATD	SUE CRUMB, MANAGER AJV-352			
(6) Arrival Name NOTTINGHAM	(7) Number SIX	(8) STAR Computer Code OTT.OTT6	(9) Superseded Nr. FIVE	(10) Dated 10/5/2000	(11) Effective Date 2/19/2004

FAA Form 7100-4 (7/02)

RADIO FIX AND HOLDING DATA RECORD

NAME: OGATE

STATE: VA

COUNTRY: US

LATITUDE/LONGITUDE: 380328.94N/0773104.29W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	FLAT ROCK	FAK	VORTAC	H	030.85	024.85	35.00	35.00		2000	45000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING DME	ALTITUDES MIN	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW	FAK	VORTAC	030.85	030.85	L	1-1 1/2		10000	20000	11	19
2	SW		WP	035.00	035.00	L		4	10000	14000	10	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (51-002161)	380742.92N/0773026.15W	652	4D
2	230	TOWER (51-002161)	380742.92N/0773026.15W	652	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST FOR HOLDING PATTERN SEPARATION
 PAT 2 ATC REQUEST FOR HOLDING PATTERN SEPARATION

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V155	1				
STAR	COATT	1	1	KHEF	DISTRICT OF COLUMBIA	DC (US)
STAR	BARIN (RNAV)		2	KIAD	WASHINGTON	DC (US)
STAR	COATT	1	1	KIAD	WASHINGTON	DC (US)
STAR	COATT	1	1	KJYO	LEESBURG	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 08/22/2013

REASON FOR REVISION:

1. REMOVED FAC 2 FROM FIX MAKE-UP; COATT WP NOT PART OF FIX MAKE-UP.
2. UPDATED FIX USE DATA.
3. COMPLETED PRECIPITOUS TERRAIN EVAL AND ADDED REMARK.
4. MOVED "HOLDING LIMITED TO ESTABLISHED PATTERNS" FROM REMARK TO HOLDING RESTRICTIONS.
5. UPDATED HOLDING PATT 1 AND 2 CONTROLLING OBS.

DEVELOPED BY: DATE: 02/22/2013 OFFICE: AJV-352 NAME: SHAWN REDDINGER

APPROVED BY: DATE: OFFICE: AJV-352 NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: EST
 ARTCC: ZDC
 ATC FACILITY: PCT TRACON
 OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: PEGBY

STATE: VA

COUNTRY: US

LATITUDE/LONGITUDE: 380443.14N/0771203.80W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	RICHMOND	RIC	VORTAC	H	018.29	009.29	35.00	35.00		2000	29000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING DME	ALTITUDES MIN	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S		WP	200.29	020.29	L		11	17000	20000	18	19

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (51-001056)	374431.77N/0771514.15W	991	3C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

CHART 210 KIAS ICON ON ENROUTE LOW
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V376	1				VA (US)
IAP	RNAV (GPS) RWY 33			KRMN	STAFFORD	VA (US)
STAR	RAVNN (RNAV)		1	KBWI	BALTIMORE	MD (US)
STAR	RAVNN (RNAV)		1	KMTN	BALTIMORE	MD (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 08/22/2013

REASON FOR REVISION:

1. REMOVED FAC 2 FROM FIX MAKE-UP; GRUBY WP NOT PART OF FIX MAKE-UP.
2. DELETED HOLD PAT 1, USED ON NOTTINGHAM STAR ONLY; NOTTINGHAM STAR CANCELLED.
3. UPDATED HOLDING CONTROLLING OBS.
4. MOVED "HOLDING LIMITED TO ESTABLISHED PATTERN" FROM REMARKS TO HOLDING RESTRICTIONS.
5. CONDUCTED PRECIPITOUS TERRAIN EVAL, AND ADDED REMARK.
6. REMOVED REMARK "CHART 210 KIAS ICON..."; ONLY USED ON NOTTINGHAM STAR.
7. UPDATE FIX USE DATA.
8. DID NOT ALTER REMAINING HOLDING PAT; USED ON RAVNN STAR. UPDATE TO LESSEN LEG LENGTH AND LOWER MIN AND MAX TEMPLATES WOULD REQUIRE AMENDMENT TO RAVNN STAR. NOT WITHIN THE PURVIEW OF THIS PROJECT CANCELLING THE NOTTINGHAM STAR.

DEVELOPED BY:

DATE: 02/22/2013

OFFICE: AJV-352

NAME: SHAWN REDDINGER

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PCT TRACON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: SABBI

STATE: VA

COUNTRY: US

LATITUDE/LONGITUDE: 382254.79N/0770815.15W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	RICHMOND	RIC	VORTAC	H	018.29	009.29	53.42	53.42		3000	15000
2	NOTTINGHAM	OTT	VORTAC	L	233.72	223.72	26.81	26.81		3000	17500
3	BROOKE	BRV	VORTAC	L	083.88	074.88	10.52	10.52		9000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RIC	VORTAC	R-018	54	3000	15000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

RICHMOND (FAC 1) AND NOTTINGHAM (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V376	1, 2				
IAP	RNAV (GPS) RWY 1L			KADW	CAMP SPRINGS	MD (US)
IAP	RNAV (GPS) RWY 36			K2W5	INDIAN HEAD	MD (US)
STAR	RAVNN (RNAV)			KBWI	BALTIMORE	MD (US)
STAR	RAVNN (RNAV)			KMTN	BALTIMORE	MD (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 08/22/2013

REASON FOR REVISION:

1. DELETED FAC 3 FROM FIX MAKE-UP; TAXUE WP NOT PART OF FIX MAKE-UP.
2. IDENTIFIED FAC1 AND FAC2 AS COORD FACs.
3. MOVED BROOKE VORTAC FROM BACKUP FACILITIES TO FAC 3.
4. CORRECTED ESV DATA AND PLACEMENT.
5. UPDATED ALL FIX USE DATA.

DEVELOPED BY:

DATE: 02/22/2013

OFFICE: AJV-352

NAME: SHAWN REDDINGER

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PCT TRACON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: RIPKN

STATE: MD

COUNTRY: US

LATITUDE/LONGITUDE: 385554.18N/0763403.26W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1 BALTIMORE	BAL	VORTAC	L	174.00	163.00	15.00			1800	6000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FIX NAMED SPECIFIC FOR AREA
MAG VAR: BAL 11W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
STAR	NOTTINGHAM STAR					

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/22/2013

REASON FOR REVISION:

BALTIMORE VORTAC FACILITY ROTATION

DEVELOPED BY:

DATE: 02/22/2013

OFFICE: AJV-352

NAME: SHAWN REDDINGER

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: BWI ATCT
OTHER:

QUALITY
CHECKED