

RADIO FIX AND HOLDING DATA RECORD

NAME: COFAX

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 401846.73N/0775800.98W

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	HARRISBURG	HAR	VORTAC	L	281.19	271.19	41.20	41.20		18000	45000
2	PHILIPSBURG	PSB	VORTAC	VH	188.13	178.13	36.19	36.19		4500	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
HAR	VORTAC	R-281	42	18000	40000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

HARRISBURG (FAC 1) AND PHILIPSBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES.
ATC REQUEST SECTIONAL CHARTING.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J152	1, 2				(US)
EN ROUTE	T477					(US)
EN ROUTE	V501	2				(US)
IAP	LOC RWY 6	1, 2		KRVL	REEDSVILLE	PA (US)
IAP	RNAV (GPS) RWY 6			KRVL	REEDSVILLE	PA (US)
STAR	BOJID (RNAV)			KPHL	PHILADELPHIA	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. DELETED AIRSPACE DOCKET "21-AEA-31".
2. PSB CLASS CHANGED FROM "H" TO "VH" IN FIX MAKE-UP FACILITIES.
3. CHANGED PSB MAA FROM "17500" TO "45000" IN FIX MAKE-UP FACILITIES.
4. DELETED JST IN FIX MAKE-UP FACILITIES AND ASSOCIATED ESV.
5. ADDED HAR IN FIX MAKE-UP FACILITIES AND ASSOCIATED ESV.
6. CHANGED FACILITIES USED TO ESTABLISH FIX COORDINATES REMARK FROM "JOHNSTOWN (FAC 1)" TO "HARRISBURG (FAC 1)".
7. DELETED EN ROUTE V12 IN FIX USE.
8. ADDED FAC 2 TO EN ROUTE J152 IN FIX USE.
9. DELETED FAC 1 FROM EN ROUTE V501 AND STAR BOJID AT KPHL IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A421

NAME: CASEY HILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HARRISBURG VORTAC **STATE:** PA **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 401808.06N/0770410.41W **TYPE:**
AIRSPACE DOCKET: 23-AEA-10 **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	HARRISBURG	HAR	VORTAC	L							45000

FIX RESTRICTIONS:

MCA V184 3600 NORTHWEST BOUND
 MCA V33 3600 NORTHWEST BOUND
 MCA V265 3600 NORTHWEST BOUND
 MCA V33 4600 SOUTHEAST BOUND
 MCA T452 3600 WESTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W	HAR	VORTAC	281.19	101.19	R	1		3100	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	401645.00N/0771615.00W	1815	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

SECTIONAL PER ATC REQUEST
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: 10W (1985).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J152					(US)
EN ROUTE	T291					(US)
EN ROUTE	T299					(US)
EN ROUTE	T307					(US)
EN ROUTE	T445					(US)
EN ROUTE	T452					(US)
EN ROUTE	V12					(US)
EN ROUTE	V162					(US)
EN ROUTE	V184					(US)
EN ROUTE	V210					(US)
EN ROUTE	V265					(US)
EN ROUTE	V33					(US)
EN ROUTE	V377					(US)
EN ROUTE	V469					(US)
IAP	ILS OR LOC RWY 8			KCXY	HARRISBURG	PA (US)
IAP	ILS OR LOC RWY 13		1	KMDT	HARRISBURG	PA (US)
IAP	ILS RWY 13 (CAT II-III)		1	KMDT	HARRISBURG	PA (US)
IAP	ILS RWY 13 (SA CAT I)		1	KMDT	HARRISBURG	PA (US)
IAP	ILS OR LOC RWY 8			KLNS	LANCASTER	PA (US)
IAP	VOR RWY 31			KLNS	LANCASTER	PA (US)
IAP	VOR RWY 8			KLNS	LANCASTER	PA (US)
IAP	VOR/DME RWY 31			KLNS	LANCASTER	PA (US)
IAP	VOR/DME RWY 8			KLNS	LANCASTER	PA (US)
IAP	VOR RWY 28			N71	MOUNT JOY/MARIETTA	PA (US)
IAP	LOC RWY 6			KRVL	REEDSVILLE	PA (US)
STAR	BUNTS			KILG	WILMINGTON	DE (US)
STAR	BUNTS			KTTN	TRENTON	NJ (US)
STAR	HARRISBURG			KWRI	WRIGHTSTOWN	NJ (US)
STAR	BUNTS			KMQS	COATESVILLE	PA (US)
STAR	BOJID (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	BUNTS			KPHL	PHILADELPHIA	PA (US)
STAR	BUNTS			KPNE	PHILADELPHIA	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:
AIRSPACE DOCKET: ADDED 23-AEA-10.
FIX USE: ADDED T307. REMOVED KMDT VOR RWY 31. REMOVED N68 VOR/DME-B.
REQUIRED CHARTING: ADDED AREA.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A423	NAME: BARRY SMITH
APPROVED BY:	DATE: 05/16/2024	OFFICE: AJV-A423	NAME: MICHAEL GARRITY
	SIGNATURE:		

RADIO FIX AND HOLDING DATA RECORD

NAME: JUNEY

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 401840.45N/0774616.16W

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	HARRISBURG	HAR	VORTAC	L	281.19	271.19	32.21	32.21		5000	45000
2	PHILIPSBURG	PSB	VORTAC	VH	174.34	164.34		37.66		5400	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
HAR	VORTAC	R-281	33	18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

HARRISBURG (FAC 1) AND PHILIPSBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J152	1, 2				(US)
EN ROUTE	V12	1, 2				(US)
IAP	RNAV (GPS) RWY 24			N68	CHAMBERSBURG	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. ADDED "INT" IN FIX TYPE.
2. CHANGED HAR MAA FROM "17500" TO "45000" IN FIX MAKE-UP FACILITIES.
3. ADDED PSB IN FIX MAKE-UP FACILITIES.
4. ADDED HAR ESV.
5. ADDED REMARK "HARRISBURG (FAC 1) AND PHILIPSBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES".
6. ADDED EN ROUTE J152 IN FIX USE.
7. ADDED FAC 2 TO EN ROUTE V12 IN FIX USE.
8. ADDED "EN ROUTE HIGH, CONTROLLER HIGH" IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A421

NAME: CASEY HILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LOMON

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 401829.04N/0772900.25W

TYPE: WP, 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 NM	FAC FEET	MRA	MAA
1	HARRISBURG	HAR	VORTAC	L	281.19	271.19	19.00	19.00		5000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V12	1		KPHL	PHILADELPHIA	(US)
STAR	BOJID (RNAV)					PA (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. DELETED REMARK "WP MADE UP FROM HAR VORTAC FACILITY POSITION".
2. DELETED EN ROUTE J152 IN FIX USE.
3. DELETED "EN ROUTE HIGH, CONTROLLER HIGH" IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A421

NAME: CASEY HILL

SIGNATURE: