

RADIO FIX AND HOLDING DATA RECORD

NAME: FROSE **STATE:** PA **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 400343.86N/0752818.80W **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	FAC FEET	MRA	MAA
1	SOLBERG	SBJ	VOR/DME	L	237.25	227.25	45.80	45.80		3000	17500
2	WOODSTOWN	OOD	VORTAC	L	353.07	343.07		26.71		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SBJ	VOR/DME	R-237	46	3000	17500

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	SW		WP	238.65	058.65	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (42-002723)	400516.00N/0752852.00W	1180	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

SOLBERG (FAC 1) AND WOODSTOWN (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V3-419	1, 2				(US)
IAP	RNAV (GPS) RWY 26		1	KPHL	PHILADELPHIA	PA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 12/31/2020

REASON FOR REVISION:

1. REMOVED KN57 VOR RWY 24 FROM FIX USE.
2. ADDED CONTROLLER LOW TO REQUIRED CHARTING.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** TOMMY BYRNS

APPROVED BY: **DATE:** **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*
ALLAN WILL

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: PHL ATCT/PHL APP CON
OTHER:

Oct 07, 2020

QUALITY
24
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MODENA VORTAC

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 395504.98N/0754014.96W

TYPE:

AIRSPACE DOCKET: 19-ASO-18

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	MODENA	MXE	VORTAC	L							17500

FIX RESTRICTIONS:

MCA V184 10000 WESTBOUND
MCA V474 10000 WESTBOUND

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	SE	MXE	VORTAC	149.00	329.00	R	1		2400	7000	4	8
2	SW	MXE	VORTAC	234.00	054.00	R	1		2000	7000	4	8
3	SW		WP	235.00	055.00	R		4	2400	6000	5	6
4	SW		WP	237.00	057.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (10-020328)	394856.23N/0753148.01W	862	5D
2	200	AAO	395327.00N/0754803.00W	752	4E
3	200	AAO	395300.00N/0754912.00W	768	4E
4	200	AAO	395300.00N/0754912.00W	768	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ASSIGNED FACILITY MAGVAR: 9W (1965).
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PHILADELPHIA			KPHL	PHILADELPHIA	PA (US)
EN ROUTE	Q75					(US)
EN ROUTE	V170					(US)
EN ROUTE	V184					(US)
EN ROUTE	V29					(US)
EN ROUTE	V3					(US)
EN ROUTE	V378					(US)
EN ROUTE	V408					(US)
EN ROUTE	V419					(US)
EN ROUTE	V474					(US)
IAP	RNAV (GPS) RWY 19			KILG	WILMINGTON	DE (US)
IAP	RNAV (GPS) RWY 9			KILG	WILMINGTON	DE (US)
IAP	RNAV (GPS) RWY 25			K7N7	PEDRICKTOWN	NJ (US)
IAP	RNAV (GPS) RWY 7			K7N7	PEDRICKTOWN	NJ (US)
IAP	ILS OR LOC RWY 29		1	KMQS	COATESVILLE	PA (US)
IAP	RNAV (GPS) RWY 11		3	KMQS	COATESVILLE	PA (US)
IAP	RNAV (GPS) RWY 29		3	KMQS	COATESVILLE	PA (US)
IAP	VOR/DME RWY 26			KLNS	LANCASTER	PA (US)
IAP	RNAV (GPS) RWY 6			KLOM	PHILADELPHIA	PA (US)
IAP	FREEDOM VISUAL RWY 9L			KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 27L		2	KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 27R		2	KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 9L			KPHL	PHILADELPHIA	PA (US)
IAP	ILS RWY 27R (SA CAT I & II)		2	KPHL	PHILADELPHIA	PA (US)
IAP	ILS V RWY 17 (CONVERGING)			KPHL	PHILADELPHIA	PA (US)
IAP	ILS V RWY 9R (CONVERGING)			KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z OR LOC RWY 17			KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z OR LOC Z RWY 9R			KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z RWY 9R (CAT II & III)			KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z RWY 9R (SA CAT I)			KPHL	PHILADELPHIA	PA (US)
IAP	LIBERTY VISUAL RWY 27L			KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 27R		4	KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) Y RWY 9L			KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) Y RWY 9R			KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 13			KRDG	READING	PA (US)
IAP	ILS OR LOC RWY 36			KRDG	READING	PA (US)
IAP	RNAV (GPS) RWY 36			KRDG	READING	PA (US)
IAP	RNAV (GPS) RWY 27			KOQN	WEST CHESTER	PA (US)
IAP	VOR-A		2	KOQN	WEST CHESTER	PA (US)
STAR	CLIPR (RNAV)			KDCA	WASHINGTON	DC (US)

QUALITY
24
CHECKED

STAR	HYPER (RNAV)	KHEF	WASHINGTON	DC (US)
STAR	DELRO	KIAD	WASHINGTON	DC (US)
STAR	HYPER (RNAV)	KIAD	WASHINGTON	DC (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	BUNTS	KPHL	PHILADELPHIA	PA (US)
STAR	BUNTS	KPNE	PHILADELPHIA	PA (US)
STAR	HYPER (RNAV)	KCJR	CULPEPER	VA (US)
STAR	HYPER (RNAV)	KEZF	FREDERICKSBURG	VA (US)
STAR	HYPER (RNAV)	KFRR	FRONT ROYAL	VA (US)
STAR	HYPER (RNAV)	KJYO	LEESBURG	VA (US)
STAR	HYPER (RNAV)	KNYG	QUANTICO	VA (US)
STAR	HYPER (RNAV)	KRMN	STAFFORD	VA (US)
STAR	HYPER (RNAV)	KHWY	WARRENTON	VA (US)
STAR	HYPER (RNAV)	KOKV	WINCHESTER	VA (US)
STAR	HYPER (RNAV)	KMRB	MARTINSBURG	WV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 12/31/2020

REASON FOR REVISION:

1. REMOVED KN57 VOR RWY 24 FROM FIX USE.
2. REMOVED PAT 2 HOLDING AND ASSOCIATED DATA. PATTERNS 3-5 WERE RENUMBERED DUE TO THE REMOVAL OF PAT 2.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** TOMMY BYRNS

APPROVED BY: **DATE:** **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

Digitally signed by

SIGNATURE: **ALLAN WILL**

Oct 07, 2020

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZNY
ATC FACILITY: PHL APP CON
OTHER:

