

RADIO FIX AND HOLDING DATA RECORD

NAME: ALKER

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 405853.20N/0801124.07W

TYPE: RADAR, 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	ELLWOOD CITY	EWC	VOR/DME	H	013.95	005.95	9.44	9.44		3000	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1		K29D	GROVE CITY	PA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

1. FIX USE: CHANGED "VOR/DME-A K29D" TO "VOR-A K29D".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: MICHAEL DARDEN

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: Digitally signed by

JASON KRETSCHMER

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZOB

ATC FACILITY: YNG APP CON

OTHER:

Jul 09, 2020

QUALITY
8
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 410503.45N/0801032.95W **TYPE:** RADAR, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	ELLWOOD CITY	EWC	VOR/DME	H	013.95	005.95	15.64	15.64	95010	3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

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	S	EWC	VOR/DME	013.95	013.95	L	1	3000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (42-001587)	405620.22N/0801310.99W	1866	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 AVOID TERRAIN DRIVING HIGHER MINIMUM ALTITUDE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1	1	K29D	GROVE CITY	PA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 12/05/2019

REASON FOR REVISION:

1. FIX USE: CHANGED "VOR/DME-A K29D" TO "VOR-A K29D".

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

OFFICE OF PRIMARY RESPONSIBILITY: **NAME:**

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

SIGNATURE: *Digitally signed by*

JASON KRETSCHMER

DISTRIBUTION:

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ATC FACILITY: YNG APP CON
OTHER:

Jul 09, 2020



RADIO FIX AND HOLDING DATA RECORD

NAME: ELLWOOD CITY VOR/DME STATE: PA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 404929.76N/0801241.56W 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	MRA FEET	MAA
1	ELLWOOD CITY	EWC	VOR/DME	H						45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	N	EWC	VOR/DME	002.00	182.00	R	1	4000 6000	6 7
2	W	EWC	VOR/DME	292.00	112.00	R	1	3000 6000	4 5
3	E	EWC	VOR/DME	076.00	256.00	R	1	3000 6000	4 5
4	N	WP	WP	002.00	182.00	R	6	4000 6000	7 8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (42-002083)	405501.21N/0800815.51W	1726	1A
2	200	TOWER (42-003313)	404806.77N/0801711.11W	1672	1A
3	200	TOWER (42-002083)	405501.21N/0800815.51W	1726	1A
4	230	TOWER (42-002083)	405501.21N/0800815.51W	1726	1A
UPN	230	TOWER (42-000779)	404353.10N/0800602.48W	1841	1A

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: 8W (1985).
 PAT 1 AND PAT 4 EVALUATED AT 230 KIAS TO SUPPORT MILITARY OPERATIONS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	AHMET (RNAV)			KBKL	CLEVELAND	OH (US)
DP	AHMET (RNAV)			KCGF	CLEVELAND	OH (US)
DP	KKIDS (RNAV)			KCLE	CLEVELAND	OH (US)
DP	AHMET (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
DP	AHMET (RNAV)			KLNN	WILLOUGHBY	OH (US)
DP	ALLEGHENY			KAGC	PITTSBURGH	PA (US)
DP	PITTSBURGH			KPIT	PITTSBURGH	PA (US)
EN ROUTE	J64					(US)
EN ROUTE	V37					(US)
IAP	RNAV (GPS) RWY 25			K02G	EAST LIVERPOOL	OH (US)
IAP	RNAV (GPS) RWY 28			K4G4	YOUNGSTOWN	OH (US)
IAP	LOC RWY 10		3	KBVI	BEAVER FALLS	PA (US)
IAP	VOR RWY 28		3	KBVI	BEAVER FALLS	PA (US)
IAP	ILS OR LOC RWY 8		2	KBTP	BUTLER	PA (US)
IAP	RNAV (GPS) RWY 8			KBTP	BUTLER	PA (US)
IAP	ILS OR LOC RWY 10			KAGC	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 10L		1	KPIT	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 28R		1	KPIT	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 32		1	KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 10L (CAT II & III)		1	KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 28R (CAT II)		1	KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 28R (SA CAT I)		1	KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 10L		4	KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 28R		4	KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 32		4	KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 28R		4	KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 32		4	KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 17			KPJC	ZELIENOPLE	PA (US)
IAP	RNAV (GPS) RWY 35			KPJC	ZELIENOPLE	PA (US)
STAR	WESTMINSTER			KBWI	BALTIMORE	MD (US)
STAR	WESTMINSTER			KMTN	BALTIMORE	MD (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 24

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

1. REMOVED IAP VOR-A AT K29D FROM FIX USE.
2. REMOVED IAP VOR RWY 25 AT K02G FROM FIX USE.
3. REMOVED ALL REFERENCES TO UNPLANNED HOLDING.



INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 NAME: DANIEL JOHNSEN

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

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RADIO FIX AND HOLDING DATA RECORD

NAME: MABFA

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 410844.16N/0801002.40W

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	ELLWOOD CITY	EWC	VOR/DME	H	013.95	005.95	19.33	19.33		1820	17500

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USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
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AJV-A421

NAME: MICHAEL DARDEN

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