

RADIO FIX AND HOLDING DATA RECORD

NAME: DIYAC

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 402510.39N/0794812.68W

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
IAP	RNAV (GPS) Y RWY 28C			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 28L			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 28R			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 28C			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 28L			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 28R			KPIT	PITTSBURGH	PA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

FIX USE: ADDED KPIT IAPS: RNAV (RNP) Z RWY 28R, RNAV (GPS) Y RWY 28C, RNAV (GPS) Y RWY 28R.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: ANDRE MARSH

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

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 FEET	MRA	MAA
1	ELLWOOD CITY	EWC	VOR/DME	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 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	280.00	100.00	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

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			02G	EAST LIVERPOOL	OH (US)
IAP	RNAV (GPS) RWY 28			4G4	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: 25 **DATE OF REVISION:** 12/31/2020

REASON FOR REVISION:

1. UPDATED PAT 2 RAD/CRS/BRG AND CRS INBOUND FROM 292/112 TO 280/100.
2. REMOVED UNPLANNED HOLDING OBSTRUCTION.

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

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SYLVAN DRAKES**APPROVED BY:****DATE:****OFFICE:** AJV-A430**NAME:** LONNIE EVERHART**SIGNATURE:****DISTRIBUTION:****NFDC****FPO:** ATL**ARTCC:** ZOB**ATC FACILITY:** PIT APP CON**OTHER:**

RADIO FIX AND HOLDING DATA RECORD

NAME: GRACE **STATE:** PA **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 405124.66N/0794802.12W **TYPE:** WP, DME
AIRSPACE DOCKET: 20-AEA-2 **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	JOHNSTOWN	JST	VOR/DME	L	312.56	306.56	54.78	54.78	18000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
JST	VOR/DME	R-313	55	18000	45000

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

REMARKS:

CHART AS WP ONLY ON EN ROUTE LOW CHARTS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	ATC COORDINATION					(US)
EN ROUTE	J211	1				(US)
IAP	RNAV (GPS) RWY 28			KBVI	BEAVER FALLS	PA (US)
IAP	RNAV (GPS) RWY 14			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 28C			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 28L			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 28R			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 28C			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 28L			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 28R			KPIT	PITTSBURGH	PA (US)
STAR	HAYNZ (RNAV)			KPIT	PITTSBURGH	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 **DATE OF REVISION:** 02/25/2021

REASON FOR REVISION:

TYPE: REMOVED INT.
 AIRSPACE DOCKET: ADDED 20-AEA-2.
 FIX MAKE-UP FACILITIES: REMOVED FAC 1 (CIP) - CIP VOR MON. CHANGED FAC 2 (JST) MRA FROM 3400 TO 18000 - 3400 WAS DISAPPROVED BY FIFO.
 ESV: REMOVED CIP VOR/DME ESV INFO. CHANGED JST VOR/DME MIN ALTITUDE FROM 3400 TO 18000 - ESVMs VALUE.
 HOLDING: REMOVED PAT 1 AND ASSOCIATED DATA AND HOLDING RESTRICTIONS/REMARKS.
 REMARKS: REMOVED FIX COORDINATES REMARK. ADDED CHART AS WP ONLY ON EN ROUTE LOW CHARTS.
 FIX USE: REMOVED V58 AND V226. REMOVED FAC 2 FROM J211.
 REQUIRED CHARTING: ADDED CONTROLLER LOW AND HIGH.

12/10/20: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/18/20.
 1. FIX USE: ADDED EN ROUTE ATC COORDINATION.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** BARRY SMITH
APPROVED BY: **DATE:** **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: ATL
 ARTCC: ZOB
 ATC FACILITY: PIT APP CON
 OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: NASTY

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 402932.67N/0795429.13W

TYPE: WP, RADAR, 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	PITTSBURGH	I-HFE	LOC		100.96	091.96		16.82		5000	5700
2	MONTOUR	MMJ	VORTAC	L			13.09	13.09		5000	5700
3	ALLEGHENY	AGC	VOR/DME	L	034.65	025.65		14.19		5000	5700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PITTSBURGH (FAC 1) AND ALLEGHENY (FAC 3) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 28R	1, 2, 3		KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 28R (CAT II)	1, 2, 3		KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 28R (SA CAT I)	1, 2, 3		KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 28R			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 28R			KPIT	PITTSBURGH	PA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 02/01/2018

REASON FOR REVISION:

1. DELETED FAC 4 (KPIT R28R).
2. AMENDED FAC 1 MAG BRG FROM 099.96 TO 100.96.
3. ADDED DIST FROM FAC TO FAC 1 AND FAC 3.
4. AMENDED FAC 2 DME FROM 13.08 TO 13.09 AND ADDED DIST FROM FAC.
5. AMENDED FAC 1, FAC 2, AND FAC 3 MRA FROM 4000 TO 5000 AND MAA FROM 7000 TO 5700.
6. ADDED REMARK: PITTSBURGH (FAC 1) AND ALLEGHENY (FAC 3) USED TO ESTABLISH FIX COORDINATES.
7. DELETED ILS OR LOC RWY 28R (CAT I) AT KPIT FROM FIX USE.
8. ADDED ILS OR LOC RWY 28R (SA CAT I) AND RNAV (RNP) Z RWY 28R AT KPIT TO FIX USE.
9. AMENDED RNAV (GPS) RWY 28R TO READ RNAV (GPS) Y RWY 28R AT KPIT IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/24/2017

OFFICE: AJV-5422

NAME: PETER GUIMOND

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZOB
ATC FACILITY: PIT APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: NESTO

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 401140.05N/0794249.49W

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	MRA	MAA
1	JOHNSTOWN	JST	VOR/DME	L	266.00	260.00		41.06	10000	17500
2	MORGANTOWN	MGW	VOR/DME	L	015.00	010.00	38.83	38.83	4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
JST	VOR/DME	R-266	42	10000	23000

FIX RESTRICTIONS:

MCA V469 10000 EASTBOUND

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	SE		WP	138.01	318.01	R		4	3100	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	400706.30N/0794040.00W	1723	6A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V469	1, 2				(US)
IAP	RNAV (GPS) RWY 10		1	KAGC	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 27			KAFJ	WASHINGTON	PA (US)
STAR	DEMME (RNAV)			KPIT	PITTSBURGH	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

FIX USE: REMOVED KPIT IAPS: RNAV (GPS) Y RWY 28C, RNAV (GPS) Y RWY 28L, RNAV (GPS) Y RWY 28R, RNAV (RNP) Z RWY 28C, RNAV (RNP) Z RWY 28L, RNAV (RNP) Z RWY 28R.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: ANDRE MARSH

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZAIKO

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 402953.22N/0800643.26W

TYPE: WP, RADAR, INT

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 FEET	MRA	MAA
1	PITTSBURGH	I-HFE	LOC		100.96	091.96		7.48 45457	3000	5700
2	ALLEGHENY	AGC	VOR/DME	L	355.10	346.10		13.56	3000	5700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PITTSBURGH (FAC 1) AND ALLEGHENY (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 28R	1, 2		KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 28R (CAT II)	1, 2		KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 28R (SA CAT I)	1, 2		KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 28R			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 28R			KPIT	PITTSBURGH	PA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 02/01/2018

REASON FOR REVISION:

1. MOVED FIX 555.06 FEET EAST.
2. DELETED FAC 3 (KPIT R28R).
3. AMENDED FAC 1 MAG BRG FROM 099.96 TO 100.96.
4. ADDED DIST FROM FAC NM AND DIST FROM FAC FEET TO FAC 1.
5. AMENDED FAC 2 MAG BRG FROM 354.73 TO 355.10.
6. ADDED DIST FROM FAC TO FAC 2.
7. ADDED REMARK: PITTSBURGH (FAC 1) AND ALLEGHENY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
8. ADDED ILS RWY 28R (SA CAT I) AND ILS RWY 28R (CAT II) AT KPIT TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/23/2017

OFFICE: AJV-5422

NAME: PETER GUIMOND

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZOB
ATC FACILITY: PIT APP CON
OTHER: