

RADIO FIX AND HOLDING DATA RECORD

NAME: ALLEGHENY VOR/DME

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 401643.12N/0800227.08W

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	ALLEGHENY	AGC	VOR/DME	L							17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW	AGC	VOR/DME	237.17	057.17	R	1		3000	14000	4	10
2	SW	AGC	VOR/DME	236.00	056.00	R	1		3000	6000	4	5
3	SE		WP	147.16	327.16	R		5	3000	6000	5	6
4	SE		WP	147.16	327.16	R		4	3000	6000	5	6
5	SE	AGC	VOR/DME	147.16	327.16	R	1		3100	6000	4	13
6	NW	AGC	VOR/DME	310.00	130.00	R	1		4000	6000	4	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (42-001020)	402455.07N/0800217.74W	1717	1A
1	200	TOWER (42-001967)	401017.00N/0800617.00W	1628	5E
2	200	TOWER (42-001967)	401017.00N/0800617.00W	1628	5E
3	200	TOWER (42-001656)	401706.10N/0800216.10W	1613	2C
4	200	TOWER (42-001656)	401706.10N/0800216.10W	1613	2C
5	200	TOWER (42-001656)	401706.10N/0800216.10W	1613	2C
5	310	TOWER (42-000082)	401649.00N/0794810.00W	2048	4D
6	200	TOWER (42-001656)	401706.10N/0800216.10W	1613	2C
6	265	TOWER (42-002035)	401752.50N/0802020.48W	1756	2A

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED BETWEEN 3000 AND 14000 ONLY.
PATTERN 4 DME LENGTH 4NM PER TABLE 8 AT 3000 PAT 5.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
5	ILS OR LOC RWY 10R	KPIT	PITTSBURGH	PA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HOMEE			KLBE	LATROBE	PA (US)
DP	ALLEGHENY			KAGC	PITTSBURGH	PA (US)
DP	PITTSBURGH			KPIT	PITTSBURGH	PA (US)
EN ROUTE	V12					(US)
IAP	ILS OR LOC RWY 23			KLBE	LATROBE	PA (US)
IAP	RNAV (GPS) RWY 23			KLBE	LATROBE	PA (US)
IAP	RNAV (GPS) RWY 26		4	KFWQ	MONONGAHELA	PA (US)
IAP	ILS OR LOC RWY 10		1	KAGC	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 28		2	KAGC	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 28		3	KAGC	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 10L			KPIT	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 10R		5	KPIT	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 28L		6	KPIT	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 28R			KPIT	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 32			KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 10L (CAT II)			KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 10L (CAT III)			KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 10R (CAT II)		5	KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 10R (CAT III)		5	KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 28L (CAT II)		6	KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 28R (CAT II)			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 10L			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 14		3	KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 10C		3	KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 10R		3	KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 10C		3	KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 10R		3	KPIT	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 27 (ALT MISS)		1	KAFJ	WASHINGTON	PA (US)

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

QUALITY
12
CHECKED

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 09/15/2016

REASON FOR REVISION:

1. DELETED AGC VOR-A FROM FIX USE.
2. CHANGED HOLDING PATTERN 5 RAD/CRS/BRG FROM 174.00 TO 147.16 AND CRS INBOUND FROM 354.00 TO 327.16.
3. CHANGED PAT 5 CONTROLLING OBSTRUCTION FROM 1690 TOWER (42-000770) TO 1613 TOWER (42-001656).
4. ADDED C-I-H PATTERN FOR PATTERN 5.
5. UPDATED PAT 3,4,6 OBSTRUCTION TOWER (42-001656) ELEVATION FROM 1619 TO 1613 PER AIRNAV.

DEVELOPED BY: DATE: 03/21/2016 OFFICE: AJV-5412 NAME: GEORGE TRAMMELL

APPROVED BY: DATE: OFFICE: AJV-5410 NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MARLON J ROBINSONDISTRIBUTION: NFDC
FPO: EST
ARTCC: ZOB
ATC FACILITY: PIT APP CON
OTHER: Jun 28, 2016QUALITY
12
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: AYIRO

STATE: PA

COUNTRY: US

LATITUDE/LONGITUDE: 401348.33N/0801456.81W

TYPE: INT, 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	ALLEGHENY	AGC	VOR/DME	L	262.14	253.14	10.00			3100	17500
2	MONTOUR	MMJ	VORTAC	L	197.32	189.32				3100	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ALLEGHENY COUNTY - VOR-A			KAGC	PITTSBURGH	PA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/25/2007

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AVN-5410

NAME: MARLON ROBINSON

Digitally signed by
SIGNATURE: **MARLON J ROBINSON**

Jun 28, 2016

DISTRIBUTION:

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

QUALITY
12
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CITEG

STATE: PA

COUNTRY: US

LATITUDE/LONGITUDE: 402107.10N/0795617.82W

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	ALLEGHENY	AGC	VOR/DME	L	055.93	046.93	6.44			1640	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ALLEGHENY COUNTY - VOR-A			KAGC	PITTSBURGH	PA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/25/2007

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AVN-5410

NAME: MARLON ROBINSON

Digitally signed by

SIGNATURE: MARLON J ROBINSON

Jun 28, 2016

DISTRIBUTION:

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

QUALITY
12
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NESTO

STATE: PA

COUNTRY: US

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	MORGANTOWN	MGW	VORTAC	L	015.00	010.00		38.83	4000	17500
2	JOHNSTOWN	JST	VORTAC	L	266.00	260.00		41.06	4000	17500
3	INDIAN HEAD	IHD	VORTAC	L	315.01	309.01	21.03	21.03	4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
JST	VORTAC	R-266	42	4000	23000

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	IHD	VORTAC	315.01	315.01	R	1-1 1/2	4000 17500	6 18
2	SE		WP	138.01	318.01	R	4	3100 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (42-000354)	400543.08N/0794123.30W	1934	1A
2	200	AAO	400706.30N/0794040.00W	1723	6A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V-469	1, 2, 3				(US)
EN ROUTE	V268-474	1, 2, 3	1			(US)
IAP	RNAV (GPS) RWY 5			KLBE	LATROBE	PA (US)
IAP	RNAV (GPS) RWY 10		2	KAGC	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 10L	1, 2, 3		KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 10L (CAT II)	1, 2, 3		KPIT	PITTSBURGH	PA (US)
IAP	ILS RWY 10L (CAT III)	1, 2, 3		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 (GPS) Y RWY 32			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)
IAP	RNAV (RNP) Z RWY 32			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 27			KAFJ	WASHINGTON	PA (US)
STAR	DEMME (RNAV)			KPIT	PITTSBURGH	PA (US)
STAR	DEMME (RNAV)			KAFJ	WASHINGTON	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

DELETED AGC VOR-A FROM FIX USE.

DEVELOPED BY: DATE: 01/09/2016

OFFICE: AJV-5410

NAME: ROSE BOONE

APPROVED BY: DATE:

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE: Digitally signed by
MARLON J ROBINSON

DISTRIBUTION: NFDC Jun 28, 2016
FPO: EST
ARTCC: ZOB
ATC FACILITY: PIT APP CON; LBE
OTHER:

QUALITY
12
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WISKE

STATE: WV

COUNTRY: US

LATITUDE/LONGITUDE: 400744.89N/0804033.94W

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	BELLAIRE	AIR	VOR/DME	H	051.00	044.00	9.35	9.35	3300	17500
2	NEWCOMERSTOWN	CTW	VOR/DME	L	106.00	099.00		37.29	3300	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	AIR	VOR/DME	051.00	051.00	L	1-1 1/2		3300 17500	6 18
2	SW		WP	231.00	051.00	L		4	3100 14000	5 11
3	SW		WP	233.82	053.82	L		10	3100 17500	7 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-000899)	400340.00N/0804508.00W	2025	2C
2	200	TOWER (39-000899)	400340.00N/0804508.00W	2025	2C
3	200	TOWER (39-000899)	400340.00N/0804508.00W	2025	2C

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST.
PAT 1 ZOB REQUESTED LEFT TURNS DUE TO OBSTACLE DEPT ROUTES FROM KPIT
PAT 3 ATC REQUEST.

HOLDING RESTRICTIONS:

PAT 3 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

BELLAIRE (FAC 1) AND NEWCOMERSTOWN (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	V117	1, 2	1			(US)
EN ROUTE	V443	1, 2				(US)
IAP	RNAV (GPS) RWY 14		2	K2G2	STEUBENVILLE	OH (US)
IAP	RNAV (GPS) RWY 32		2	K2G2	STEUBENVILLE	OH (US)
IAP	RNAV (GPS) RWY 25			K4G5	WOODSFIELD	OH (US)
IAP	RNAV (GPS) RWY 10			KAGC	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 10L			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 14			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 10C			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 10R			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 10C			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 10R			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 9			KAFJ	WASHINGTON	PA (US)
IAP	RNAV (GPS) RWY 24			KMPG	MOUNDSVILLE	WV (US)
IAP	RNAV (GPS) RWY 21			KHLG	WHEELING	WV (US)
IAP	VOR RWY 21	1, 2		KHLG	WHEELING	WV (US)
STAR	FEWGA RNAV		3	KPIT	PITTSBURGH	PA (US)
STAR	FEWGA RNAV		3	KAFJ	WASHINGTON	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

DELETED AGC VOR-A FROM FIX USE.

DEVELOPED BY:

DATE: 01/09/2016

OFFICE: AJV-5410

NAME: ROSE BOONE (JOHN THORNTON)

APPROVED BY:

DATE:

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MARLON J ROBINSON

Jun 28, 2016

QUALITY
12
CHECKED

DISTRIBUTION: **NFDC**
 FPO: CEN
 ARTCC: ZOB
 ATC FACILITY: PIT
 OTHER:

QUALITY
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