

RADIO FIX AND HOLDING DATA RECORD

NAME: BEETS

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 395720.57N/0772659.55W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 19-ASO-27

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	ARMEL	AML	VOR/DME	L	008.73	000.73	61.22	61.22		18000	45000
2	LANCASTER	LRP	VOR/DME	L	268.92	259.92		54.29		18000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
AML	VOR/DME	R-009	62	18000	45000
LRP	VOR/DME	R-269	55	18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ARMEL (FAC 1) AND LANCASTER (FAC 2) USED TO ESTABLISH FIX COORDINATES
CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J110	1, 2				(US)
EN ROUTE	J220	1, 2				(US)
EN ROUTE	J227	1, 2				(US)
EN ROUTE	Q430					(US)
EN ROUTE	Q480					(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 11/05/2020

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED FROM 18-AEA-16 TO 19-ASO-27.
FIX USE: REMOVED J230.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DEAN GRACEY

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

Digitally signed by

ALLAN WILL

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY:
OTHER:

Jul 30, 2020

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BELLAIRE VOR/DME STATE: OH COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 400101.29N/0804902.02W TYPE:
 AIRSPACE DOCKET: 19-ASO-27 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	BELLAIRE	AIR	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW	AIR	VOR/DME	224.00	044.00	L	1		3100	23000	4	19
2	SE	AIR	VOR/DME	117.00	297.00	L	1		3100	8000	4	8
3	NW	AIR	VOR/DME	300.00	120.00	R	1		3000	14000	4	10
4	SW		WP	224.00	044.00	L		4	3100	6000	5	6
5	SW		WP	225.66	045.66	L		10	3100	31000	15	24

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-000899)	400340.00N/0804508.00W	2024	1D
2	200	TOWER (39-000899)	400340.00N/0804508.00W	2024	1D
3	200	TOWER (39-000521)	400435.00N/0805512.00W	1654	5E
4	200	TOWER (39-000899)	400340.00N/0804508.00W	2024	1D
5	200	TOWER (39-000899)	400340.00N/0804508.00W	2024	1D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
 PAT 2 ATC REQUEST.
 PAT 4 ATC REQUEST
 PAT 5 ATC REQUEST.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAG VAR: 7W 1990

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LOCKBOURNE			KLCK	COLUMBUS	OH (US)
DP	ALLEGHENY			KAGC	PITTSBURGH	PA (US)
DP	PITTSBURGH			KPIT	PITTSBURGH	PA (US)
EN ROUTE	J110					(US)
EN ROUTE	J162					(US)
EN ROUTE	J34					(US)
EN ROUTE	J80					(US)
EN ROUTE	Q430					(US)
EN ROUTE	Q480					(US)
EN ROUTE	V103					(US)
EN ROUTE	V117		1			(US)
EN ROUTE	V214					(US)
EN ROUTE	V309					(US)
EN ROUTE	V75					(US)
IAP	VOR/DME RWY 27			K6G5	BARNESVILLE	OH (US)
IAP	VOR-A		2	K2P7	ST CLAIRSVILLE	OH (US)
IAP	VOR/DME RWY 25			K4G5	WOODSFIELD	OH (US)
IAP	ILS OR LOC RWY 3		1	KHLG	WHEELING	WV (US)
IAP	RNAV (GPS) RWY 16		4	KHLG	WHEELING	WV (US)
IAP	RNAV (GPS) RWY 21		4	KHLG	WHEELING	WV (US)
IAP	RNAV (GPS) RWY 34			KHLG	WHEELING	WV (US)
STAR	CLANG			KEYE	INDIANAPOLIS	IN (US)
STAR	CLANG			KIND	INDIANAPOLIS	IN (US)
STAR	CLANG			KMQJ	INDIANAPOLIS	IN (US)
STAR	WESTMINSTER			KBWI	BALTIMORE	MD (US)
STAR	WESTMINSTER			KMTN	BALTIMORE	MD (US)
STAR	BREMN			KCMH	COLUMBUS	OH (US)
STAR	BREMN			KLCK	COLUMBUS	OH (US)
STAR	BREMN			KOSU	COLUMBUS	OH (US)
STAR	BREMN			KTZR	COLUMBUS	OH (US)
STAR	FEWGA (RNAV)		5	KPIT	PITTSBURGH	PA (US)

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

COMPULSORY REPORTING POINT: NO

QUALITY
3
CHECKED

RECORD REVISION NUMBER: 32

DATE OF REVISION: 11/05/2020

REASON FOR REVISION:AIRSPACE DOCKET: CHANGED FROM 18-AEA-16 TO 19-ASO-27.
FIX USE: REMOVED J230.**INITIATED BY:****DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

NAME: DEAN GRACEY**APPROVED BY:****DATE:****OFFICE:** AJV-A420**NAME:** MARLON ROBINSON**SIGNATURE:** *Digitally signed by***ALLAN WILL****DISTRIBUTION:**NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY:
OTHER:

Jul 30, 2020

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BYRDD

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 400531.93N/0754907.29W

TYPE: WP, DME

AIRSPACE DOCKET: 19-ASO-27

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	POTTSTOWN	PTW	VORTAC	L	245.82	236.82	14.22	14.22		18000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PTW	VORTAC	R-246	15	18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J48	1				(US)
EN ROUTE	Q430					(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/05/2020

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED FROM 18-AEA-16 TO 19-ASO-27.

FIX USE: REMOVED J230.

FIX TYPE ACTION: CHANGED FROM "MODIFY" TO "NO CHANGE".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DEAN GRACEY

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

Digitally signed by

SIGNATURE:

ALLAN WILL

Jul 30, 2020

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY:
OTHER:

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 400750.57N/0752236.37W **TYPE:** WP, DME

AIRSPACE DOCKET: 19-ASO-27 **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	ROBBINSVILLE	RBV	VORTAC	H	274.24	264.24	40.78	40.78		18000	45000
2	SOLBERG	SBJ	VOR/DME	L	237.25	227.25	39.80	39.80		18000	23000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SBJ	VOR/DME	R-237	40	18000	23000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:

ROBBINSVILLE (FAC 1) USED TO ESTABLISH FIX COORDINATES
CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q430					(US)
EN ROUTE	Q75					(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 11/05/2020

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED FROM 18-AEA-16 TO 19-AOS-27.
FIX USE: REMOVED J230.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** DEAN GRACEY

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

SIGNATURE: *Digitally signed by*
ALLAN WILL

Jul 30, 2020

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: NYC APP CON
OTHER: AEA-530

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GRAHM **STATE:** PA **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 395806.58N/0775204.07W **TYPE:** WP, INT, DME
AIRSPACE DOCKET: 19-ASO-27 **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	COYLE	CYN	VORTAC	H	284.37	274.37	158.93	158.93		26000	45000
2	PHILIPSBURG	PSB	VORTAC	H	184.21	174.21	57.11	57.11		26000	45000
3	ST THOMAS	THS	VORTAC	L	068.11	061.11	4.38	4.38		5000	17500
4	MARTINSBURG	MRB	VORTAC	L	005.53	358.53		34.96		5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CYN	VORTAC	R-284	159	26000	45000
PSB	VORTAC	R-184	58	26000	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:

COYLE (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	J110	1, 2				(US)
EN ROUTE	J80					(US)
EN ROUTE	V469	3, 4				(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/05/2020

REASON FOR REVISION:

- AIRSPACE DOCKET: CHANGED FROM 13-AEA-04 TO 19-ASO-27.
- FIX TYPE ACTION: CHANGED FROM MODIFY TO NO CHANGE.
- FIX USE: REMOVED J230.
- REQUIRED CHARTING: ADDED "LOW" TO CONTROLLER LOW AND ADDED "CONTROLLER HIGH"- IAW AJV POLICY REGARDING "CONTROLLER" AND ASSOCIATED "EN ROUTE".
- REMARKS: ADDED COYLE (FAC 1) AND PHILIPSBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES.

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

SIGNATURE: *Digitally signed by*
ALLAN WILL

DISTRIBUTION: NFDC Jul 30, 2020
 FPO: EST
 ARTCC: ZNY
 ATC FACILITY: ZOB, ZNY
 OTHER:

QUALITY
 3
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LARRI

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 395702.33N/0771754.14W

TYPE: WP, DME

AIRSPACE DOCKET: 19-ASO-27

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	COYLE	CYN	VORTAC	H	284.37	274.37	132.64	132.64		22000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CYN	VORTAC	R-284	133	22000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J110	1				(US)
EN ROUTE	J61					(US)
EN ROUTE	Q430					(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 11/05/2020

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED FROM 18-AEA-16 TO 19-ASO-27.

FIX USE: REMOVED J230.

FIX TYPE ACTION CHANGED FROM "MODIFY" TO "NO CHANGE"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DEAN GRACEY

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

Digitally signed by

SIGNATURE: **ALLAN WILL**

Jul 30, 2020

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY:
OTHER:

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LEJOY

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 400012.22N/0792453.61W

TYPE: WP, DME

AIRSPACE DOCKET: 19-ASO-27

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	BELLAIRE	AIR	VOR/DME	H	097.27	090.27	64.66	64.66		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J110	1				(US)
EN ROUTE	J518	1				(US)
EN ROUTE	Q430					(US)
EN ROUTE	Q480					(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 11/05/2020

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED FROM 18-AEA-16 TO 19-ASO-27.

FIX USE: REMOVED J230.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DEAN GRACEY

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

Digitally signed by

ALLAN WILL

Jul 30, 2020

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZOB
ATC FACILITY:
OTHER:

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SAAME

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 400151.82N/0762902.39W

TYPE: WP, DME

AIRSPACE DOCKET: 19-ASO-27

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	ROBBINSVILLE	RBV	VORTAC	H	274.24	264.24	92.13			18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US) (US)
EN ROUTE	J6					
EN ROUTE	Q430					

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/05/2020

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED FROM 18-AEA-16 TO 19-ASO-27.

FIX USE: REMOVED J230.

FIX TYPE ACTION: CHANGED FROM "MODIFY" TO "NO CHANGE".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DEAN GRACEY

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

Digitally signed by

ALLAN WILL

Jul 30, 2020

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY:
OTHER:

QUALITY
3
CHECKED

NAME: VINSE	STATE: PA	COUNTRY: US	ICAO REGION CODE: K6
LATITUDE/LONGITUDE: 395816.21N/0775721.20W		TYPE: WP, DME	
AIRSPACE DOCKET: 19-ASO-27		FIX TYPE OF ACTION: NO CHANGE	

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	COYLE	CYN	VORTAC	H	284.37	274.37	163.00	163.00		26000	45000

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CYN	VORTAC	R-284	163	26000	45000

HOLDING TYPE OF ACTION: NO CHANGE

CONTROLLER LOW PER ATC REQUEST.

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J110	1				(US)
EN ROUTE	Q430					(US)
EN ROUTE	Q480					(US)
STAR	DEMME (RNAV)			KPIT	PITTSBURGH	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 11/05/2020

AIRSPACE DOCKET: CHANGED FROM 18-AEA-16 TO 19-ASO-27.
FIX USE: REMOVED J230.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423

NAME: DEAN GRACEY

APPROVED BY: _____ DATE: _____ OFFICE: AJV-A420

NAME: MARLON ROBINSON

DATE: *Digitally signed by*

SIGNATURE: *ALLAN WILL*

Jul 30, 2020

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZNY, ZOB
ATC FACILITY: PIT APP CON, PIT ATCT
OTHER:

