

RADIO FIX AND HOLDING DATA RECORD

NAME: HELON

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 414002.72N/0741649.52W

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	SPARTA	SAX	VORTAC	H	028.86	017.86	37.81	37.81	4000	17500
2	KINGSTON	IGN	VOR/DME	L	282.48	270.48	20.60	20.60	4000	17500

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	NE	SAX	VORTAC	028.86	208.86	R	1		6000	17500	9	18
2	NE		WP	028.86	208.86	R		4	4000	6000	5	6
3	NE		WP	031.03	211.03	R		10	6000	14000	15	15
4	NE	SAX	VORTAC	028.86	208.86	R		10	6000	17500	14	18
5	NE	SAX	VORTAC	028.86	208.86	R	1		5300	17500	7	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	415536.00N/0741718.00W	3304	4E
2	200	AAO	414021.00N/0742121.00W	2464	4E
2	310	AAO	415733.00N/0742406.00W	3967	4E
3	230	AAO	420006.00N/0742124.00W	4033	4E
4	230	AAO	415709.00N/0742354.00W	3957	4E
5	200	AAO	414021.00N/0742121.00W	2464	4E
5	310	AAO	420006.00N/0742124.00W	4032	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	150
2	310	200
2	200	120
3	230	200
4	230	200
5	200	150
5	310	200

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (GPS) RWY 4	KMGJ	MONTGOMERY	NY (US)
2	RNAV (GPS) RWY 8	KMGJ	MONTGOMERY	NY (US)
5	ILS OR LOC RWY 4	KMGJ	MONTGOMERY	NY (US)

REMARKS:

SPARTA (FAC 1) AND KINGSTON (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	V167	1, 2				(US)
EN ROUTE	V213	1, 2	1			(US)
EN ROUTE	V249	1, 2	1			(US)
EN ROUTE	V58	1, 2				(US)
EN ROUTE	V93	1, 2				(US)
EN ROUTE	T216					NY (US)
IAP	RNAV (GPS) RWY 26			K06N	MIDDLETOWN	NY (US)
IAP	ILS OR LOC RWY 4	1, 2	5	KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 22		2	KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 26		2	KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 4		2	KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 8		2	KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 33			KMSV	MONTICELLO	NY (US)
IAP	RNAV (GPS) RWY 9			KSWF	NEWBURGH	NY (US)
STAR	FLOSI (RNAV)		3	KEWR	NEWARK	NJ (US)
STAR	SHAFF	1, 2	4	KEWR	NEWARK	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

1. CHANGED PAT 1 LEG LENGTH TIME FROM "1-1 1/2" TO "1".
2. DECREASED PAT 2 MAX TEMPLATE FROM 14 TO 6.
3. UPDATED PAT 2 200K CONTROLLING OBSTACLE FROM 414047.20N/0742119.40W 2489 6C TO 414021.00N/0742121.00W 2464 4E.
4. INCREASED PAT 2 310K CONTROLLING OBSTACLE ALTITUDE FROM 3813 TO 3967.
5. ADDED PAT 5 200K AND 310K CONTROLLING OBSTACLES.
6. ADDED PRECIPITOUS TERRAIN ADDITIONS.
7. ADDED PAT 5 ILS OR LOC RWY 4 TO PROCEDURES REQUIRING CLIMB-IN-HOLD.
8. UPDATED FIX USE: CHANGED KMGJ RNAV (GPS) RWY 3 TO RNAV (GPS) RWY 4; CHANGED KMGJ RNAV (GPS) RWY 21 TO RNAV (GPS) RWY 22; ADDED FAC 1,2 TO KEWR SHAFF STAR.
9. ADDED CONTROLLER LOW TO REQUIRED CHARTING.
10. ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED REMARK.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-5442

NAME: DUSTIN DAVIDSON**APPROVED BY:****DATE:****OFFICE:** AJV-5440**NAME:** MARLON ROBINSON**SIGNATURE:****DISTRIBUTION:**

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: NYC APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HUGUENOT VOR/DME

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 412434.87N/0743529.74W

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	HUGUENOT	HUO	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W	HUO	VOR/DME	260.00	080.00	R	1		4000	6000	4	5
2	W	HUO	VOR/DME	272.82	092.82	R	1		3500	6000	4	5
3	N	HUO	VOR/DME	019.05	199.05	R	1		4000	8000	4	8
4	SW	HUO	VOR/DME	206.98	026.98	L	1		3500	6000	4	5
5	W		WP	272.82	092.82	R		4	3500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	MONUMENT (34-000046)	411915.00N/0743942.00W	2023	3C
2	200	MONUMENT (34-000046)	411915.00N/0743942.00W	2023	3C
3	210	AAO	411936.00N/0743927.00W	1946	4E
4	200	MONUMENT (34-000046)	411915.00N/0743942.00W	2023	3C
5	200	MONUMENT (34-000046)	411915.00N/0743942.00W	2023	3C
5	310	MONUMENT (34-000046)	411915.00N/0743942.00W	2023	3C

REASON FOR NONSTANDARD HOLDING:

PAT 4 AT REQUEST

HOLDING RESTRICTIONS:

PAT 3 CHART 210K ICON

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
5	RNAV (GPS) RWY 8	K06N	MIDDLETOWN	NY (US)
5	RNAV (GPS) RWY 26	K06N	MIDDLETOWN	NY (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FAC MAGVAR: 11 DEGREES WEST (1970).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MORRISTOWN			KMMU	MORRISTOWN	NJ (US)
DP	LIBERTY			KEWR	NEWARK	NJ (US)
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	TETERBORO			KTEB	TETERBORO	NJ (US)
DP	GLDMN (RNAV)			KLGA	NEW YORK	NY (US)
DP	JUTES (RNAV)			KLGA	NEW YORK	NY (US)
DP	LA GUARDIA			KLGA	NEW YORK	NY (US)
DP	TNNIS			KLGA	NEW YORK	NY (US)
DP	STEWART			KSWF	NEWBURGH	NY (US)
DP	DUTCHESS			KPOU	POUGHKEEPSIE	NY (US)
DP	PROP ONE			KHPN	WHITE PLAINS	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	J132					NY (US)
EN ROUTE	V162					NY (US)
EN ROUTE	V252					NY (US)
EN ROUTE	V273					NY (US)
EN ROUTE	V489					NY (US)
IAP	RNAV (GPS) RWY 26		3	K06N	MIDDLETOWN	NY (US)
IAP	RNAV (GPS) RWY 8		5	K06N	MIDDLETOWN	NY (US)
IAP	VOR RWY 8		2	K06N	MIDDLETOWN	NY (US)
IAP	ILS OR LOC RWY 4		2	KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 8			KMGJ	MONTGOMERY	NY (US)
IAP	VOR RWY 8		1	KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 33			KMSV	MONTICELLO	NY (US)
IAP	VOR/DME RWY 33			KMSV	MONTICELLO	NY (US)
IAP	ILS OR LOC RWY 9			KSWF	NEWBURGH	NY (US)
IAP	ILS RWY 9 (CAT II)			KSWF	NEWBURGH	NY (US)
IAP	ILS RWY 9 (CAT III)			KSWF	NEWBURGH	NY (US)
IAP	ILS RWY 9 (SA CAT I)			KSWF	NEWBURGH	NY (US)
IAP	ILS OR LOC RWY 6			KPOU	POUGHKEEPSIE	NY (US)
IAP	RNAV (GPS) RWY 24			KPOU	POUGHKEEPSIE	NY (US)

IAP	RNAV (GPS) RWY 6	4	KPOU	POUGHKEEPSIE	NY (US)
IAP	VOR/DME OR GPS RWY 5		KN82	WURTSBORO	NY (US)
STAR	VALRE		KDXR	DANBURY	CT (US)
STAR	WILKES-BARRE		KCDW	CALDWELL	NJ (US)
STAR	WILKES-BARRE		KLDJ	LINDEN	NJ (US)
STAR	WILKES-BARRE		KMMU	MORRISTOWN	NJ (US)
STAR	SHAFF		KEWR	NEWARK	NJ (US)
STAR	WILKES-BARRE		K39N	PRINCETON/ROCKY HILL	NJ (US)
STAR	WILKES-BARRE		KN51	READINGTON	NJ (US)
STAR	WILKES-BARRE		KSMQ	SOMERVILLE	NJ (US)
STAR	WILKES-BARRE		KTEB	TETERBORO	NJ (US)
STAR	HAARP		KLGA	NEW YORK	NY (US)
STAR	VALRE		KHPN	WHITE PLAINS	NY (US)
STAR	SLATT		KPHL	PHILADELPHIA	PA (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: 01/03/2019

REASON FOR REVISION:

1. REMOVED PAT 6 AND ASSOCIATED CONTROLLING OBSTACLE.
2. ADDED "FAC MAGVAR: 11 DEGREES WEST (1970)" REMARK.
3. UPDATED FIX USE: REMOVED V205; CHANGED KMGJ FROM ILS OR LOC RWY 3 TO ILS OR LOC RWY 4; REMOVED HOLDING PAT 6 FROM KMSV VOR/DME RWY 33.
4. CHANGED REQUIRED CHARTING FROM "CONTROLLER" TO "CONTROLLER LOW" AND "CONTROLLER HIGH".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5442

NAME: DUSTIN DAVIDSON

APPROVED BY:

DATE:

OFFICE: AJV-5440

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: OSSEK

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 412553.62N/0742933.85W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 8

FAC

PAT

AIRPORT IDENT
KMGJ

CITY
MONTGOMERY

STATE
NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/08/2010

REASON FOR REVISION:

MOVED FIX 1.08 NM (6562.26 FT) WEST TO ACCOMMODATE 6 NM INTERMEDIATE AND ALIGN WITH RNP PFAF FAC.
REMOVED FAC 1.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/15/2009

OFFICE: AVN-101

NAME: EUGENE NEWTON (VICTOR BOONE)

APPROVED BY:

DATE: 01/15/2010

OFFICE: AVN-110

NAME: PETER GETZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZNY, ZBW
ATC FACILITY: NYC APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WEJTI

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 412821.77N/0742209.04W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FIX IS RNP PFAF.

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP
IAP

RNAV (GPS) RWY 26
RNAV (GPS) RWY 8

KMGJ
KMGJ

MONTGOMERY
MONTGOMERY

NY (US)
NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/08/2010

REASON FOR REVISION:

FIX MOVED .02 NM (252.56 FT) WEST TO RNP PFAF LOCATION.
REMOVED FAC 1.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/15/2009

OFFICE: AVN-101

NAME: EUGENE NEWTON (VICTOR BOONE)

APPROVED BY:

DATE: 01/15/2010

OFFICE: AVN-110

NAME: PETER GETZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: NYC APP CON
OTHER: ZBW

RADIO FIX AND HOLDING DATA RECORD

NAME: YORNO

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 413223.33N/0740959.40W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 8

FAC

PAT

AIRPORT IDENT
KMGJ

CITY
MONTGOMERY

STATE
NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/08/2010

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/15/2009

OFFICE: AVN-101

NAME: EUGENE NEWTON (VICTOR BOONE)

APPROVED BY:

DATE: 01/15/2010

OFFICE: AVN-110

NAME: PETER GETZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: NYC APP CON
OTHER: ZBW