

RADIO FIX AND HOLDING DATA RECORD

NAME: CUPAY

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 402353.26N/0744544.24W

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 10

FAC

PAT

AIRPORT IDENT
39N

CITY
PRINCETON/ROCKY HILL

STATE
NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

FIX MOVING 0.61 NM EAST FROM 402352.78N/744632.65W TO 402353.26N/0744544.24W
DELETED REMARK "RNP FORMULA USED TO ESTABLISH FIX COORDINATES."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: DAVID TEFFETELLER

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: SOLBERG VOR/DME STATE: NJ COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 403458.96N/0744430.45W TYPE: WP

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	SOLBERG	SBJ	VOR/DME	VL						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	S	SBJ	VOR/DME	195.88	015.88	R	1		2100 6000	4 5
2	SW	SBJ	VOR/DME	241.01	061.01	R	1		2000 6000	4 5
3	N	SBJ	VOR/DME	351.00	171.00	R	1		2300 6000	4 5
4	S		WP	198.88	018.88	R		4	2500 6000	5 6
5	E	SBJ	VOR/DME	070.00	250.00	L	1		2000 6000	4 5
6	E		WP	070.00	250.00	L		4	2000 6000	4 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	403712.46N/0744808.20W	920	2C
1	310	TOWER (34-000168)	401658.00N/0744110.00W	1048	5E
2	200	AAO	403554.00N/0744527.00W	1109	4E
3	200	AAO	404354.00N/0744824.00W	1185	4B
4	200	AAO	403545.00N/0744921.00W	1017	4B
4	310	AAO	404124.00N/0744809.00W	1119	4B
5	200	AAO	403545.03N/0744911.01W	980	2C
6	200	AAO	403545.00N/0744909.00W	981	4B

REASON FOR NONSTANDARD HOLDING:

PAT 5 TERRAIN
PAT 6 TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 4	N51	READINGTON	NJ (US)
4	RNAV (GPS) RWY 12	KSMQ	SOMERVILLE	NJ (US)

REMARKS:

ASSIGNED FACILITY MAGVAR: 10W/1965.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
USED AT 45000 PER ESV.
CHART SUBDUED ON EN ROUTE HIGH.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRIDGEHAVEN			BDR	BRIDGEPORT	CT (US)
DP	BRIDGEHAVEN			HVN	NEW HAVEN	CT (US)
DP	CENTRAL			47N	MANVILLE	NJ (US)
DP	MORRISTOWN			MMU	MORRISTOWN	NJ (US)
DP	DEVIL			EWR	NEWARK	NJ (US)
DP	LIBERTY			EWR	NEWARK	NJ (US)
DP	NEWARK			EWR	NEWARK	NJ (US)
DP	PORTT (RNAV)			EWR	NEWARK	NJ (US)
DP	PRINCETON			39N	PRINCETON/ROCKY HILL	NJ (US)
DP	TETERBORO			TEB	TETERBORO	NJ (US)
DP	LONG ISLAND			ISP	NEW YORK	NY (US)
DP	KENNEDY			JFK	NEW YORK	NY (US)
DP	LA GUARDIA			LGA	NEW YORK	NY (US)
DP	TNNIS (RNAV)			LGA	NEW YORK	NY (US)
DP	STEWART			SWF	NEW YORK	NY (US)
DP	DUTCHESS			POU	POUGHKEEPSIE	NY (US)
DP	PROP			HPN	WHITE PLAINS	NY (US)
DP	WESTCHESTER			HPN	WHITE PLAINS	NY (US)
EN ROUTE	Q75					(US)
EN ROUTE	T430					(US)
EN ROUTE	T434					(US)
EN ROUTE	V232					(US)
EN ROUTE	V249					(US)
EN ROUTE	V3					(US)
EN ROUTE	V30					(US)
EN ROUTE	V403					(US)
EN ROUTE	V405					(US)

EN ROUTE	V419				(US)
EN ROUTE	V6				(US)
IAP	LOC RWY 22		CDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 10		CDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 4		CDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 25		47N	MANVILLE	NJ (US)
IAP	ILS Z OR LOC Z RWY 23	5	MMU	MORRISTOWN	NJ (US)
IAP	RNAV (GPS) RWY 5		MMU	MORRISTOWN	NJ (US)
IAP	RNAV (GPS) Z RWY 23	6	MMU	MORRISTOWN	NJ (US)
IAP	RNAV (RNP) Y RWY 23	6	MMU	MORRISTOWN	NJ (US)
IAP	ROUTE 80 VISUAL RWY 23		MMU	MORRISTOWN	NJ (US)
IAP	ILS OR LOC RWY 22L		EWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R		EWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II-III)		EWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (SA CAT I)		EWR	NEWARK	NJ (US)
IAP	VOR RWY 7		N40	PITTSTOWN	NJ (US)
IAP	RNAV (GPS)-A		N85	PITTSTOWN	NJ (US)
IAP	RNAV (GPS)-B		N85	PITTSTOWN	NJ (US)
IAP	VOR/DME RWY 8	1	N85	PITTSTOWN	NJ (US)
IAP	RNAV (GPS) RWY 10		39N	PRINCETON/ROCKY HILL	NJ (US)
IAP	VOR-A	3	39N	PRINCETON/ROCKY HILL	NJ (US)
IAP	VOR RWY 4	1	N51	READINGTON	NJ (US)
IAP	RNAV (GPS) RWY 12	4	SMQ	SOMERVILLE	NJ (US)
IAP	VOR RWY 8	2	SMQ	SOMERVILLE	NJ (US)
IAP	ILS Z OR LOC Z RWY 6		TEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) RWY 1		TEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) RWY 1		TEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) X RWY 6		TEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) Y RWY 6		TEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) Z RWY 19		TEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) Z RWY 6		TEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) RWY 16		TTN	TRENTON	NJ (US)
IAP	VOR OR GPS RWY 13L/R		JFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 13		ABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC RWY 6		ABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC/DME RWY 24		ABE	ALLENTOWN	PA (US)
IAP	ILS RWY 6 (SA CAT I-II)		ABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 24		ABE	ALLENTOWN	PA (US)
IAP	VOR-A	1	DYL	DOYLESTOWN	PA (US)
IAP	RNAV (GPS)-A		N43	EASTON	PA (US)
STAR	JAIKE (RNAV)		CDW	CALDWELL	NJ (US)
STAR	MAZIE (RNAV)		CDW	CALDWELL	NJ (US)
STAR	MAZIE (RNAV)		N07	LINCOLN PARK	NJ (US)
STAR	JAIKE (RNAV)		LDJ	LINDEN	NJ (US)
STAR	MAZIE (RNAV)		LDJ	LINDEN	NJ (US)
STAR	JAIKE (RNAV)		47N	MANVILLE	NJ (US)
STAR	MAZIE (RNAV)		47N	MANVILLE	NJ (US)
STAR	JAIKE (RNAV)		MMU	MORRISTOWN	NJ (US)
STAR	MAZIE (RNAV)		MMU	MORRISTOWN	NJ (US)
STAR	JAIKE (RNAV)		SMQ	SOMERVILLE	NJ (US)
STAR	MAZIE (RNAV)		SMQ	SOMERVILLE	NJ (US)
STAR	JAIKE (RNAV)		TEB	TETERBORO	NJ (US)
STAR	MAZIE (RNAV)		TEB	TETERBORO	NJ (US)
STAR	MILTON		LGA	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 37

DATE OF REVISION: 07/09/2026

REASON FOR REVISION:

1. UPDATED HOLDING PATTERN 3 CONTROLLING OBSTACLE FROM 1214 AAO (4E) TO 1185 AAO (4B).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 06/04/2026

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WATIB

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 403307.31N/0745543.46W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 10

FAC

PAT

AIRPORT IDENT
39N

CITY
PRINCETON/ROCKY HILL

STATE
NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/21/2020

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: DAVID TEFFETELLER

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

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