

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: N 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	N	SBJ	VOR/DME	351.00	171.00	R	1		2300 6000	4 5
2	S		WP	198.88	018.88	R		4	2500 6000	5 6
3	E	SBJ	VOR/DME	070.00	250.00	L	1		2000 6000	4 5
4	E		WP	070.00	250.00	L		4	2000 6000	4 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	404354.00N/0744824.00W	1185	4B
2	200	AAO	403545.00N/0744921.00W	1017	4B
2	310	AAO	404124.00N/0744809.00W	1119	4B
3	200	AAO	403545.03N/0744911.01W	980	2C
4	200	AAO	403545.00N/0744909.00W	981	4B

REASON FOR NONSTANDARD HOLDING:

PAT 3 TERRAIN
PAT 4 TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (GPS) RWY 12	SMQ	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	RNAV (GPS) RWY 5		MMU	MORRISTOWN	NJ (US)
IAP	ROUTE 80 VISUAL RWY 23		MMU	MORRISTOWN	NJ (US)
IAP	ILS Z OR LOC Z RWY 23	3	MMU	MORRISTOWN	NJ (US)
IAP	RNAV (GPS) Z RWY 23	4	MMU	MORRISTOWN	NJ (US)
IAP	RNAV (RNP) Y RWY 23	4	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	RNAV (GPS) RWY 12	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) 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 1		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: 38

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. HOLDING PATTERN "1" AND "2" DELETED AND ALL OTHER HOLDING PATTERNS RENUMBERED.
2. CONTROLLING OBSTRUCTIONS: REMOVED PATTERN "1" AND "2" AND ALL OTHER CONTROLLING OBSTRUCTIONS RENUMBERED.
3. REASONS FOR NON STANDARD HOLDING: TERRAIN PATTERNS CHANGED FROM "PAT 5 AND PAT 6" TO "PAT 3 AND PAT 4."
4. PROCEDURES REQUIRING CLIMB-IN-HOLD: REMOVED PATTERN "1" VOR RWY 4 AT N51.
5. PROCEDURES REQUIRING CLIMB-IN-HOLD: RNAV (GPS) RWY 12 AT SMQ CHANGED FROM PATTERN "4" TO PATTERN "2."
6. FIX USE: REMOVED "VOR RWY 8" AT SMQ.
7. FIX USE: REMOVED "VOR-A" AT 39N.
8. FIX USE: REMOVED "VOR RWY 4" AT N51.
9. FIX USE: PATTERN FOR ILS Z OR LOC Z RWY 23" AT MMU CHANGED FROM "5" TO "3."
10. FIX USE: PATTERN FOR "RNAV (GPS) Z RWY 23" AND "RNAV (RNP) Y RWY 23" AT MMU CHANGED FROM "6" TO "4."
11. FIX USE: PATTERN FOR RNAV (GPS) RWY 12" AT SMQ CHANGED FROM "4" TO "2."

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: LISA DUDZINSKI
APPROVED BY:	DATE: 09/24/2026	OFFICE: AJV-A432	NAME: APRIL SARMENTO
SIGNATURE:			

RADIO FIX AND HOLDING DATA RECORD

NAME: YARDLEY VOR/DME STATE: PA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 401512.03N/0745427.40W TYPE:

AIRSPACE DOCKET: N 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	YARDLEY	ARD	VOR/DME	L							32000

HOLDING: HOLDING TYPE OF ACTION: CANCEL

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	ARD	VOR/DME	233.32	053.32	R	1		5000	14000	5	8
2	E	ARD	VOR/DME	109.02	289.02	R	1		2000	5000	4	12
3	E		WP	111.02	291.02	R		4	2000	6000	4	6
4	SW		WP	236.22	056.22	R		4	5000	14000	8	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	AAO	401830.59N/0745616.75W	659	2C
2	200	AAO	401924.00N/0745342.00W	683	4B
2	310	TOWER (34-000168)	401658.00N/0744110.00W	1048	5E
3	200	AAO	401948.60N/0745221.59W	699	2C
4	210	AAO	401948.00N/0745218.00W	680	4E

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON
PAT 5 CHART 210K ICON AND 4NM LEGS ON PHLBO STAR.
HOLDING RESTRICTED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	ILS OR LOC RWY 6	TTN	TRENTON	NJ (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 RETAINED AT THE REQUEST OF ATC.
CHART SUBDUED ON EN ROUTE HIGH.
ASSIGNED FACILITY MAGVAR: 10W (1965)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) RWY 20			3NJ6	RANCOCAS	NJ (US)
DP	CENTRAL			47N	MANVILLE	NJ (US)
DP	PRINCETON			39N	PRINCETON/ROCKY HILL	NJ (US)
DP	REPUBLIC			FRG	FARMINGDALE	NY (US)
DP	KENNEDY			JFK	NEW YORK	NY (US)
DP	PHILADELPHIA			PHL	PHILADELPHIA	PA (US)
EN ROUTE	T438					(US)
EN ROUTE	V143					(US)
EN ROUTE	V147					(US)
EN ROUTE	V210					(US)
EN ROUTE	V276					(US)
EN ROUTE	V433					(US)
EN ROUTE	V479					(US)
IAP	RNAV (GPS) RWY 23			19N	BERLIN	NJ (US)
IAP	RNAV (GPS) RWY 08			VAY	MOUNT HOLLY	NJ (US)
IAP	COPTER ILS/DME RWY 22L			EWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II - III)			EWR	NEWARK	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 (SA CAT I)			EWR	NEWARK	NJ (US)
IAP	RNAV (GPS)-A			N85	PITTSTOWN	NJ (US)
IAP	RNAV (GPS)-B			N85	PITTSTOWN	NJ (US)
IAP	ILS OR LOC RWY 6		2	TTN	TRENTON	NJ (US)
IAP	RNAV (GPS) RWY 31			ABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 6			ABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 24			LOM	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 27R			PHL	PHILADELPHIA	PA (US)
IAP	ILS RWY 27R (SA CAT I & II)			PHL	PHILADELPHIA	PA (US)
IAP	ILS V RWY 17 (CONVERGING)		2	PHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 17			PHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 24		2	PNE	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 24		3	PNE	PHILADELPHIA	PA (US)
IAP	ILS V RWY 17			PHL	PHILADELPHIA	PA (US)
STAR	PHLBO (RNAV)		4	EWR	NEWARK	NJ (US)
STAR	MILTON			LGA	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 40

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

HOLDING PATTERN ASSOCIATION 3,ARD,VOR/DME,10/29/2026 DELETED

FIX USE: REMOVED TTN VOR-A.

FIX USE: REMOVED 39N VOR-A.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN BRUNO

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A432

NAME: APRIL SARMENTO

SIGNATURE: