

# RADIO FIX AND HOLDING DATA RECORD

NAME: LEESY

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404443.69N/0741307.53W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
IAP

USE TITLE  
ILS Z OR LOC Z RWY 6

FAC

PAT

AIRPORT IDENT  
KTEB

CITY  
TETERBORO

STATE  
NJ (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/10/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

*Digitally signed by*

**ERIC N SUSKI**

May 12, 2023

QUALITY  
42  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: MALCN

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 403820.20N/0743208.19W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
IAP

USE TITLE  
ILS Z OR LOC Z RWY 6

FAC

PAT

AIRPORT IDENT  
KTEB

CITY  
TETERBORO

STATE  
NJ (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/10/2023

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AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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**ERIC N SUSKI**

May 12, 2023

QUALITY  
42  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: PATRN

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 405628.40N/0740903.32W

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	KINGSTON	IGN	VOR/DME	L	211.00	199.00		45.90	2000	17500
2	TETERBORO	TEB	VOR/DME	T	335.00	324.00	6.86	6.86	2000	12000
3	HUGUENOT	HUO	VOR/DME	H	155.45	144.45		34.46	2000	17500
4	CARMEL	CMK	VOR/DME	L	244.00	232.00		32.87	2000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
IGN	VOR/DME	R-211	46	2000	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	NE	IGN	VOR/DME	211.00	211.00	R	1		2500	6000	6	7

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-000165)	410559.83N/0741223.69W	1214	1C

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## REMARKS:

KINGSTON (FAC 1) AND TETERBORO (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
EN ROUTE LOW CHARTING REQUESTED BY ATC.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
PATTERN 1 PER ATC REQUEST.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	GLS RWY 22L			KEWR	NEWARK	NJ (US)
IAP	GLS RWY 22R			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22L			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R			KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II)			KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT III)			KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (SA CAT 1)			KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 22R			KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) Z RWY 22L			KEWR	NEWARK	NJ (US)
STAR	PHLBO (RNAV)			KEWR	NEWARK	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 08/10/2023

## REASON FOR REVISION:

1. FIX USE: REMOVED ILS OR LOC RWY 6 AND COPTER ILS OR LOC RWY 6 AT KTEB.
2. REMARKS: ADDED PATTERN 1 PER ATC REQUEST.
3. FIX USE: ADDED STAR PHLBO (RNAV) AT KEWR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

**ERIC N SUSKI**

May 12, 2023



# 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:**

**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						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	S	SBJ	VOR/DME	195.85	015.85	R	1	2000 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		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		2000 6000	4 6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	403648.00N/0744751.00W	1057	4E
1	310	AAO	404124.96N/0744808.96W	1159	2C
2	200	AAO	403554.00N/0744527.00W	1109	4E
3	200	AAO	404154.00N/0745100.00W	1214	4E
4	200	AAO	403646.84N/0744751.42W	1039	2C
4	310	AAO	404124.96N/0744808.96W	1159	2C
5	200	AAO	403545.03N/0744911.01W	980	2C
6	200	AAO	403545.03N/0744911.01W	980	2C

**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.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRIDGEHAVEN			KBDR	BRIDGEPORT	CT (US)
DP	BRIDGEHAVEN			KHVN	NEW HAVEN	CT (US)
DP	CENTRAL			47N	MANVILLE	NJ (US)
DP	MORRISTOWN			KMMU	MORRISTOWN	NJ (US)
DP	LIBERTY			KEWR	NEWARK	NJ (US)
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	PORTT (RNAV)			KEWR	NEWARK	NJ (US)
DP	PRINCETON			39N	PRINCETON/ROCKY HILL	NJ (US)
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	TETERBORO			KTEB	TETERBORO	NJ (US)
DP	LONG ISLAND			KISP	NEW YORK	NY (US)
DP	KENNEDY			KJFK	NEW YORK	NY (US)
DP	SKORR (RNAV)			KJFK	NEW YORK	NY (US)
DP	LA GUARDIA			KLGA	NEW YORK	NY (US)
DP	TNNIS (RNAV)			KLGA	NEW YORK	NY (US)
DP	STEWART			KSWF	NEW YORK	NY (US)
DP	DUTCHESS			KPOU	POUGHKEEPSIE	NY (US)
DP	PROP			KHPN	WHITE PLAINS	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	Q75					(US)
EN ROUTE	T430					(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)

QUALITY  
50  
CHECKED

IAP	LOC RWY 22	2	KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 10		KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 4		KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 25		47N	MANVILLE	NJ (US)
IAP	ILS OR LOC RWY 23	5	KMMU	MORRISTOWN	NJ (US)
IAP	RNAV (GPS) RWY 5		KMMU	MORRISTOWN	NJ (US)
IAP	RNAV (GPS) Z RWY 23	6	KMMU	MORRISTOWN	NJ (US)
IAP	RNAV (RNP) Y RWY 23		KMMU	MORRISTOWN	NJ (US)
IAP	ROUTE 80 VISUAL RWY 23		KMMU	MORRISTOWN	NJ (US)
IAP	ILS OR LOC RWY 22L		KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II-III)		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (SA CAT I)		KEWR	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		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	KSMQ	SOMERVILLE	NJ (US)
IAP	VOR RWY 8	2	KSMQ	SOMERVILLE	NJ (US)
IAP	ILS Z OR LOC Z RWY 6		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) X RWY 6		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) Y RWY 6		KTEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) Z RWY 19		KTEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) Z RWY 6		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) RWY 16		KTTN	TRENTON	NJ (US)
IAP	VOR OR GPS RWY 13L/R		KJFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 13		KABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC RWY 6		KABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC/DME RWY 24		KABE	ALLENTOWN	PA (US)
IAP	ILS RWY 6 (SA CAT I-II)		KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 24		KABE	ALLENTOWN	PA (US)
IAP	VOR-A		KDYL	DOYLESTOWN	PA (US)
IAP	RNAV (GPS)-A		N43	EASTON	PA (US)
STAR	JAIKE (RNAV)		KCDW	CALDWELL	NJ (US)
STAR	MAZIE (RNAV)		KCDW	CALDWELL	NJ (US)
STAR	MAZIE (RNAV)		N07	LINCOLN PARK	NJ (US)
STAR	JAIKE (RNAV)		KLDJ	LINDEN	NJ (US)
STAR	MAZIE (RNAV)		KLDJ	LINDEN	NJ (US)
STAR	JAIKE (RNAV)		47N	MANVILLE	NJ (US)
STAR	MAZIE (RNAV)		47N	MANVILLE	NJ (US)
STAR	JAIKE (RNAV)		KMMU	MORRISTOWN	NJ (US)
STAR	MAZIE (RNAV)		KMMU	MORRISTOWN	NJ (US)
STAR	DYLIN		KEWR	NEWARK	NJ (US)
STAR	JAIKE (RNAV)		KSMQ	SOMERVILLE	NJ (US)
STAR	MAZIE (RNAV)		KSMQ	SOMERVILLE	NJ (US)
STAR	JAIKE (RNAV)		KTEB	TETERBORO	NJ (US)
STAR	MAZIE		KTEB	TETERBORO	NJ (US)
STAR	KORRY		KLGA	NEW YORK	NY (US)
STAR	MILTON		KLGA	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:** 29

**DATE OF REVISION:** 08/10/2023

**REASON FOR REVISION:**

1. FIX USE: ADDED "Z" TO KTEB ILS OR LOC RWY 6 TITLE.

2. REVISION 28 FIX USE: DELETED KEWR IAP ILS OR LOC RWY 4L, ILS RWY 4L (SA CAT I-II), ILS OR LOC RWY 4R, AND ILS RWY 4R (CAT IIII).

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

**NAME:** ANDRE TUCKER

**APPROVED BY:**

**DATE:** 08/10/2023

**OFFICE:** AVJ-A430

**NAME:** ERIC N SUSKI

**SIGNATURE:**

*Digitally signed by*

**ERIC N SUSKI**

Jun 29, 2023



# RADIO FIX AND HOLDING DATA RECORD

NAME: TORBY OM

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404815.80N/0740756.98W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	TORBY	TE	OM								
2	TETERBORO	I-TEB	LOC		048.16	036.16		4.84	29427	1300	4500

HOLDING:

HOLDING TYPE OF ACTION:

## REMARKS:

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE TORBY OM.  
ACTUAL FACILITY LOCATION IS 404815.89N/0740757.07W.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	COPTER ILS Y OR LOC Y RWY 6	1, 2		KTEB	TETERBORO	NJ (US)
IAP	ILS Z OR LOC Z RWY 6	1, 2		KTEB	TETERBORO	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/10/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

*Digitally signed by*

**ERIC N SUSKI**

May 12, 2023



# RADIO FIX AND HOLDING DATA RECORD

NAME: VINGS

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404236.79N/0741612.91W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
ILS Z OR LOC Z RWY 6

FAC

PAT

AIRPORT IDENT  
KTEB

CITY  
TETERBORO

STATE  
NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 08/10/2023

## REASON FOR REVISION:

1. CHANGED FIX LOCATION FROM 404241.05N/0741606.82W TO 404236.79N/0741612.91W (FIX MOVED 637 FT SOUTHWEST).
2. DELETED INT AND DME FROM FIX TYPE.
3. REMOVED ALL FIX MAKE-UP FROM THE FIX.
4. DELETED MAG VAR: JFK 12W, SBJ 10W, TEB 11W FROM REMARKS.
5. REFORMATTED FIX USE BLOCK, DELETED RNAV (GPS) RWY 6 AT KTEB, AND CHANGED FIX USE TITLE FROM ILS RWY 6 TO ILS Z OR LOC Z RWY 6.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

*Digitally signed by*

**ERIC N SUSKI**

May 12, 2023

