

RADIO FIX AND HOLDING DATA RECORD

NAME: JIRBO

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 410247.04N/0740907.77W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NE		WP	042.70	222.70	R	4	2700	5000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	411203.00N/0740551.00W	1464	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 04		1	KCDW	CALDWELL	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

REMOVED RNAV (GPS) RWY 22 FROM FIX USE.

DEVELOPED BY:

DATE: 03/05/2015

OFFICE: AJV-352

NAME: MIKE MELSSEN

APPROVED BY:

DATE: 04/20/2016

OFFICE: AJV-352

NAME: ADOLFO URRUTIA

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: SPARTA VORTAC **STATE:** NJ **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 410403.16N/0743217.93W **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	SPARTA	SAX	VORTAC	H						45000

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	SE	SAX	VORTAC	119.00	299.00	R	1-1 1/2	3000 17500	4 16
2	SE	SAX	VORTAC	155.00	335.00	R	1	3000 14000	4 10
3	SE	SAX	VORTAC	144.00	324.00	R	1	3000 8000	4 8
4	W	SAX	VORTAC	285.00	105.00	R	1 1/2	18000 41000	16 28
5	W	SAX	VORTAC	259.00	079.00	L	1	3000 8000	4 8
6	W		WP	259.00	079.00	L		3000 8000	5 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	410842.00N/0743115.00W	1647	4E
2	200	AAO	410842.00N/0743115.00W	1647	4E
3	200	AAO	410842.00N/0743115.00W	1647	4E
5	200	AAO	410842.00N/0743115.00W	1647	4E
6	200	AAO	410854.00N/0743051.00W	1683	4E

REASON FOR NONSTANDARD HOLDING:

PAT 5 ATC REQUEST.
PAT 6 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

MAGVAR: 11W
HOLDING PAT 1 AND PAT 4 FOR ATC USE.
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	MORRISTOWN			KMMU	MORRISTOWN	NJ (US)
DP	LIBERTY			KEWR	NEWARK	NJ (US)
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	T/O MINS AND OBSTACLE DP			KFWN	SUSSEX	NJ (US)
DP	RUUDY			KTEB	TETERBORO	NJ (US)
DP	TETERBORO			KTEB	TETERBORO	NJ (US)
DP	ALBANY			KALB	ALBANY	NY (US)
DP	FARMINGDALE			KFRG	FARMINGDALE	NY (US)
DP	KINGSTON			KFRG	FARMINGDALE	NY (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	GLDMN (RNAV)			KLGA	NEW YORK	NY (US)
DP	LA GUARDIA			KLGA	NEW YORK	NY (US)
DP	TNNIS			KLGA	NEW YORK	NY (US)
DP	PROP			KHPN	WHITE PLAINS	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	J6					(US)
EN ROUTE	J60					(US)
EN ROUTE	T218					(US)
EN ROUTE	V116					(US)
EN ROUTE	V188					(US)
EN ROUTE	V213					(US)
EN ROUTE	V249					(US)
EN ROUTE	V39					(US)
EN ROUTE	V623					(US)
IAP	RNAV (GPS) RWY 3			K12N	ANDOVER	NJ (US)
IAP	RNAV (GPS) RWY 25			K1N7	BLAIRSTOWN	NJ (US)
IAP	LOC RWY 22		5	KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 04			KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 10			KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 1		6	KN07	LINCOLN PARK	NJ (US)
IAP	RNAV (GPS) RWY 19			KN07	LINCOLN PARK	NJ (US)
IAP	ILS OR LOC RWY 23			KMMU	MORRISTOWN	NJ (US)

IAP	ILS OR LOC RWY 4L		KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 4R		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4L (SA CAT I & II)		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4R (CAT II & III)		KEWR	NEWARK	NJ (US)
IAP	VOR RWY 11	3	KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 3	6	KFWN	SUSSEX	NJ (US)
IAP	VOR -A	2	KFWN	SUSSEX	NJ (US)
IAP	ILS OR LOC RWY 19		KTEB	TETERBORO	NJ (US)
IAP	VOR/DME-B		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) RWY 8		K06N	MIDDLETOWN	NY (US)
IAP	ILS OR LOC RWY 3		KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 3		KMGJ	MONTGOMERY	NY (US)
IAP	VOR RWY 8		KMGJ	MONTGOMERY	NY (US)
IAP	ILS OR LOC RWY 9		KSWF	NEWBURGH	NY (US)
IAP	ILS RWY 9 (CAT II & III)		KSWF	NEWBURGH	NY (US)
IAP	ILS RWY 9 (SA CAT I)		KSWF	NEWBURGH	NY (US)
IAP	RNAV (GPS) RWY 34		KSWF	NEWBURGH	NY (US)
IAP	ILS OR LOC RWY 16		KHPN	WHITE PLAINS	NY (US)
IAP	ILS OR LOC RWY 34		KHPN	WHITE PLAINS	NY (US)
IAP	RNAV (GPS) Y RWY 16		KHPN	WHITE PLAINS	NY (US)
STAR	WILKES-BARRE		KCDW	CALDWELL	NJ (US)
STAR	WILKES-BARRE		KLDJ	LINDEN	NJ (US)
STAR	WILKES-BARRE		KMMU	MORRISTOWN	NJ (US)
STAR	FLOSI (RNAV)		KEWR	NEWARK	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	KINGSTON		KFRG	FARMINGDALE	NY (US)
STAR	KINGSTON		KJFK	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

ASSIGNED MAGVAR

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/24/2018

OFFICE: AJV-5400

NAME: LONNIE EVERHART (BARBARA GORMAN)

APPROVED BY:

DATE:

OFFICE: AJV-5400

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: N90
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SOLBERG VOR/DME STATE: NJ COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 403458.95N/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	MRA FEET	MAA
1	SOLBERG	SBJ	VOR/DME	L						17500

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	S	SBJ	VOR/DME	195.85	015.85	R	1		2200	6000	4	5
2	SW	SBJ	VOR/DME	241.01	061.01	R	1		2200	6000	4	5
3	NW	SBJ	VOR/DME	308.12	128.12	L	1		2500	6000	4	5
4	N	SBJ	VOR/DME	351.00	171.00	R	1		2200	6000	4	5
5	S		WP	198.88	018.88	R		4	2500	6000	5	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	404154.00N/0745100.00W	1214	4E
5	200	AAO	403646.84N/0744751.42W	1039	2C
5	310	AAO	404124.96N/0744808.96W	1159	2C

REASON FOR NONSTANDARD HOLDING:
 PAT 3 PHL APP CON AIRSPACE BOUNDARY

HOLDING RESTRICTIONS:
 HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 04	KN51	READINGTON	NJ (US)
5	RNAV (GPS) RWY 12	KSMQ	SOMERVILLE	NJ (US)

REMARKS:

MAGVAR: 10W
 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	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	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	NEWBURGH	NY (US)
DP	DUTCHESS			KPOU	POUGHKEEPSIE	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	J75					(US)
EN ROUTE	V232					(US)
EN ROUTE	V249					(US)
EN ROUTE	V3-V405-V419					(US)
EN ROUTE	V3-V419					(US)
EN ROUTE	V30-V405					(US)
EN ROUTE	V403					(US)
EN ROUTE	V6					(US)
IAP	LOC RWY 22		2	KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 04			KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 10			KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 25			K47N	MANVILLE	NJ (US)
IAP	VOR-A		3	K47N	MANVILLE	NJ (US)
IAP	RNAV (GPS) RWY 05			KMMU	MORRISTOWN	NJ (US)
IAP	RNAV (RNP) Y RWY 23			KMMU	MORRISTOWN	NJ (US)
IAP	ILS OR LOC RWY 04L			KEWR	NEWARK	NJ (US)

IAP	ILS OR LOC RWY 22L		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 04L (SA CAT I)		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 04L (SA CAT II)		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 I)		KEWR	NEWARK	NJ (US)
IAP	VOR-C		KN40	PITTSSTOWN	NJ (US)
IAP	RNAV (GPS)-A		KN85	PITTSSTOWN	NJ (US)
IAP	RNAV (GPS)-B		KN85	PITTSSTOWN	NJ (US)
IAP	VOR/DME RWY 8		KN85	PITTSSTOWN	NJ (US)
IAP	RNAV (GPS) RWY 10		K39N	PRINCETON/ROCKY HILL	NJ (US)
IAP	VOR-A	4	K39N	PRINCETON/ROCKY HILL	NJ (US)
IAP	VOR RWY 04	1	KN51	READINGTON	NJ (US)
IAP	RNAV (GPS) RWY 12	5	KSMQ	SOMERVILLE	NJ (US)
IAP	VOR RWY 08	2	KSMQ	SOMERVILLE	NJ (US)
IAP	ILS RWY 06		KTEB	TETERBORO	NJ (US)
IAP	ILS RWY 19		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) X RWY 6		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) Y RWY 06		KTEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) RWY 19		KTEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) Z RWY 06		KTEB	TETERBORO	NJ (US)
IAP	VOR/DME RWY 06		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) RWY 16		KTTN	TRENTON	NJ (US)
IAP	RNAV (GPS) RWY 34		KTTN	TRENTON	NJ (US)
IAP	VOR OR GPS RWY 13L/R		KJFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 06		KABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC RWY 13		KABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC/DME RWY 24		KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 24		KABE	ALLENTOWN	PA (US)
IAP	VOR-A		KABE	ALLENTOWN	PA (US)
IAP	VOR/DME RWY 23		KDYL	DOYLESTOWN	PA (US)
IAP	RNAV (GPS)-A		KN43	EASTON	PA (US)
OTHER	ROUTE 80 VISUAL RWY 23		KMMU	MORRISTOWN	NJ (US)
	APPROACH				
STAR	JAIKE (RNAV)		KCDW	CALDWELL	NJ (US)
STAR	MAZIE (RNAV)		KCDW	CALDWELL	NJ (US)
STAR	JAIKE (RNAV)		KLDJ	LINDEN	NJ (US)
STAR	MAZIE (RNAV)		KLDJ	LINDEN	NJ (US)
STAR	JAIKE (RNAV)		K47N	MANVILLE	NJ (US)
STAR	MAZIE (RNAV)		K47N	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 (RNAV)		KTEB	TETERBORO	NJ (US)
STAR	GATBY		KLGA	NEW YORK	NY (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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:
ASSIGNED MAGVAR

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 05/24/2018	OFFICE: AJV-5400	NAME: LONNIE EVERHART (BARBARA GORMAN)
APPROVED BY:	DATE:	OFFICE: AJV-5400	NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: NY TRACON, ABE APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WISAL

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404935.76N/0741901.66W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 04

FAC

PAT

AIRPORT IDENT
KCDW

CITY
CALDWELL

STATE
NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/15/2011

DEVELOPED BY: **DATE:** 02/08/2011

OFFICE: AJV-352

NAME: DONALD SMITH (CHRIS MCCARTHY)

APPROVED BY: **DATE:** 10/31/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ZOGUD

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404714.79N/0742046.97W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 04

FAC

PAT

AIRPORT IDENT
KCDW

CITY
CALDWELL

STATE
NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/15/2011

DEVELOPED BY: **DATE:** 02/08/2011

OFFICE: AJV-352

NAME: DONALD SMITH (CHRIS MCCARTHY)

APPROVED BY: **DATE:** 10/31/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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