

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: HODAB

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 402354.94N/0744247.80W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 10

FAC PAT

AIRPORT IDENT
K39N

CITY
PRINCETON/ROCKY HILL

STATE
NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/11/2010

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 09/17/2009

OFFICE: AVN-101

NAME: EUGENE NEWTON (DAVID JENNER)

APPROVED BY:

DATE: 01/15/2010

OFFICE: AVN-110

NAME: PETER GETZ

SIGNATURE:

DISTRIBUTION:

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

INFO ONLY

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: 19-AEA-9

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	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 LENGTH TIME	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		2300	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 4	KN51	READINGTON	NJ (US)
5	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			K47N	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			K39N	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	NEWBURGH	NY (US)
DP	DUTCHESS			KPOU	POUGHKEEPSIE	NY (US)
DP	PROP			KHPN	WHITE PLAINS	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	J75					(US)
EN ROUTE	Q75					(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		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		K47N	MANVILLE	NJ (US)
IAP	VOR-A	3	K47N	MANVILLE	NJ (US)
IAP	RNAV (GPS) RWY 5		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 4L		KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 4R		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	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 7		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 4	1	KN51	READINGTON	NJ (US)
IAP	RNAV (GPS) RWY 12	5	KSMQ	SOMERVILLE	NJ (US)
IAP	VOR RWY 8	2	KSMQ	SOMERVILLE	NJ (US)
IAP	ILS OR LOC RWY 19		KTEB	TETERBORO	NJ (US)
IAP	ILS OR LOC 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	VOR/DME RWY 6		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 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		KABE	ALLENTOWN	PA (US)
IAP	VOR/DME RWY 23		KDYL	DOYLESTOWN	PA (US)
IAP	RNAV (GPS)-A		KN43	EASTON	PA (US)
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, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 19-AEA-9.

REMARKS: CHANGED MAGVAR: 10W TO ASSIGNED FACILITY MAGVAR 10W/1965.

FIX USE: UPDATED ALL IAPS. ADDED Q75 AND KHPN PROP DP. ADDED KEWR ILS OR LOC RWY 4R AND ILS RWY 4R (CAT II-III). ADDED KABE ILS RWY 6 (SA CAT I-II). CHANGED KMMU ROUTE 80 VISUAL RWY 23 FROM OTHER TO IAP.

REQUIRED CHARTING: ADDED CONTROLLER LOW AND HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: BARRY SMITH

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZNY

ATC FACILITY: NY TRACON, ABE APP CON

OTHER:

INFO ONLY
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:

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							29000

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	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 5
3	W	ARD	VOR/DME	261.00	081.00	L	1	2000 4000	4 4
4	E		WP	111.02	291.02	R		2000 6000	4 6
5	SW		WP	236.22	056.22	R		5000 14000	7 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	AAO	401830.59N/0745616.75W	659	2C
2	200	AAO	401948.60N/0745221.59W	699	2C
3	200	AAO	401923.02N/0745343.36W	679	2C
4	200	AAO	401948.60N/0745221.59W	699	2C
5	210	AAO	401923.02N/0745343.36W	679	2C

REASON FOR NONSTANDARD HOLDING:

PAT 3 TO AVOID NORTH PHILADELPHIA CONTROL ZONE

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON

PAT 5 CHART 210K ICON AND 4NM LEGS ON PHLBO STAR/ ATC REQUEST/ WAIVER ON FILE.

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FACILITY MAGVAR W 10/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CENTRAL			K47N	MANVILLE	NJ (US)
DP	PRINCETON			K39N	PRINCETON/ROCKY HILL	NJ (US)
DP	REPUBLIC			KFRG	FARMINGDALE	NY (US)
DP	KENNEDY			KJFK	NEW YORK	NY (US)
DP	SKORR (RNAV)			KJFK	NEW YORK	NY (US)
DP	PHILADELPHIA			KPHL	PHILADELPHIA	PA (US)
EN ROUTE	J51					(US)
EN ROUTE	V143					(US)
EN ROUTE	V147					(US)
EN ROUTE	V210					(US)
EN ROUTE	V214					(US)
EN ROUTE	V276					(US)
EN ROUTE	V433					(US)
EN ROUTE	V445					(US)
EN ROUTE	V479					(US)
IAP	RNAV (GPS) RWY 23			K19N	BERLIN	NJ (US)
IAP	RNAV (GPS) RWY 08			KVAY	MOUNT HOLLY	NJ (US)
IAP	RNAV (GPS)-A			KN85	PITTSTOWN	NJ (US)
IAP	RNAV (GPS)-B			KN85	PITTSTOWN	NJ (US)
IAP	VOR/DME RWY 8			KN85	PITTSTOWN	NJ (US)
IAP	VOR-A			K39N	PRINCETON/ROCKY HILL	NJ (US)
IAP	ILS OR LOC RWY 06		2	KTTN	TRENTON	NJ (US)
IAP	VOR OR GPS A		2, 3	KTTN	TRENTON	NJ (US)
IAP	RNAV (GPS) RWY 31			KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 6			KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 24			KLOM	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 27R			KPHL	PHILADELPHIA	PA (US)
IAP	ILS RWY 27R (SA CAT I & II)			KPHL	PHILADELPHIA	PA (US)
IAP	ILS V RWY 17 (CONVERGING)		2	KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z OR LOC RWY 17			KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 17			KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 24		2	KPNE	PHILADELPHIA	PA (US)
IAP	LOC BC RWY 06		2	KPNE	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 24		4	KPNE	PHILADELPHIA	PA (US)
IAP	VOR RWY 06		2	KPNE	PHILADELPHIA	PA (US)
IAP	VOR RWY 24		2	KPNE	PHILADELPHIA	PA (US)
SPECIAL IAP	RNAV (GPS) RWY 20			K3NJ6	RANCOCAS	NJ (US)

STAR	DYLIN	1	KEWR	NEWARK	NJ (US)
STAR	PHLBO (RNAV)	5	KEWR	NEWARK	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, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

1. DELETED GATBY STAR AT KLGA FROM FIX USE.
2. DELETED RUUTH STAR AT KEWR FROM FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** LIAM DONAHUE

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: **NFDC**
 FPO: EST
 ARTCC: ZNY, ZDC
 ATC FACILITY: NY TRACON
 OTHER: PHL APP CON