

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: NEEDLES VORTAC

STATE: AZ

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344557.62N/1142826.78W

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	NEEDLES	EED	VORTAC	H							45000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	E	EED	VORTAC	076.78	256.78	R	1		6000	14000	5	10
2	NW	EED	VORTAC	318.89	138.89	R	1		4900	6000	5	5
3	SE	EED	VORTAC	154.59	334.59	R	1		6000	14000	5	10
4	E		WP	076.78	256.78	R		5	6000	14000	6	11
5	NW		WP	333.92	153.92	R		5	5000	14000	6	11
6	NW	EED	VORTAC	318.89	138.89	R	1		4000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	344839.00N/1141718.00W	2238	4E
1	310	AAO	345245.00N/1141311.90W	3830	4E
2	200	AAO	344127.00N/1143127.00W	2369	4E
2	310	AAO	350057.00N/1144457.00W	3688	4E
3	200	AAO	344103.00N/1143200.00W	2710	4E
4	200	AAO	345224.00N/1141724.00W	3478	4E
5	200	AAO	344103.00N/1143230.00W	2874	4E
5	310	AAO	345854.00N/1142430.00W	3370	4E
6	200	AAO	344145.00N/1143106.00W	2241	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	168
2	310	150
5	310	220
6	200	100

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PRIOR COORDINATION REQUIRED WITH ZLA FOR HOLDING OVER TURTLE MOA.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TEXTUAL DEPARTURE	KHII	LAKE HAVASU CITY	AZ (US)
2	VOR-A	KHII	LAKE HAVASU CITY	AZ (US)
2	TEXTUAL DEPARTURE	KEED	NEEDLES	CA (US)
5	RNAV (GPS) RWY 14	KHII	LAKE HAVASU CITY	AZ (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PAT 4 200 AIRSPEED HOLDING OBSTACLE LOCATED 1.97NM INTO SECONDARY AREA WITH A PRIMARY EQUIVALENT OF 2490 FEET.

PAT 6 IS A DUPLICATE OF PAT 2 BUT WITHOUT THE CLIMB-IN-HOLD, ALLOWING HOLDING AT 4000 AS CURRENTLY PUBLISHED ON THE KHII VOR-A.

EED VORTAC MAG VAR: 1965/E15.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TEXTUAL DEPARTURE			KIFP	BULLHEAD CITY	AZ (US)
DP	TEXTUAL DEPARTURE		1	KHII	LAKE HAVASU CITY	AZ (US)
DP	CHILY			KPHX	PHOENIX	AZ (US)
DP	JONHH			KSDL	SCOTTSDALE	AZ (US)
DP	TEXTUAL DEPARTURE		2	KEED	NEEDLES	CA (US)
EN ROUTE	J236					(US)
EN ROUTE	J6					(US)
EN ROUTE	J8					(US)
EN ROUTE	V12					(US)
EN ROUTE	V135					(US)
EN ROUTE	V208					(US)
EN ROUTE	V237					(US)
IAP	RNAV (GPS) RWY 16			KIFP	BULLHEAD CITY	AZ (US)
IAP	RNAV (GPS) RWY 34			KIFP	BULLHEAD CITY	AZ (US)
IAP	VOR RWY 34		3	KIFP	BULLHEAD CITY	AZ (US)
IAP	RNAV (GPS) RWY 14		5	KHII	LAKE HAVASU CITY	AZ (US)
IAP	VOR-A		2, 6	KHII	LAKE HAVASU CITY	AZ (US)
IAP	RNAV (GPS) RWY 29		4	KEED	NEEDLES	CA (US)
IAP	VOR-A		1	KEED	NEEDLES	CA (US)

STAR	JANNY (RNAV)	KBUR	BURBANK	CA (US)
STAR	GUERA (RNAV)	KCMA	CAMARILLO	CA (US)
STAR	DSNEE (RNAV)	KLGB	LONG BEACH	CA (US)
STAR	ROOBY (RNAV)	KLGB	LONG BEACH	CA (US)
STAR	BOGET (RNAV)	KLAX	LOS ANGELES	CA (US)
STAR	GUERA (RNAV)	KNTD	OXNARD	CA (US)
STAR	GUERA (RNAV)	KOXR	OXNARD	CA (US)
STAR	CLOWD	KPSP	PALM SPRINGS	CA (US)
STAR	SBONO	KPSP	PALM SPRINGS	CA (US)
STAR	BARET	KNZY	SAN DIEGO	CA (US)
STAR	BARET	KSAN	SAN DIEGO	CA (US)
STAR	DSNEE (RNAV)	KSNA	SANTA ANA	CA (US)
STAR	ROOBY (RNAV)	KSNA	SANTA ANA	CA (US)
STAR	BOGET (RNAV)	KSMO	SANTA MONICA	CA (US)
STAR	JANNY (RNAV)	KVNY	VAN NUYS	CA (US)
STAR	RNDRZ (RNAV)	KLAS	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

PAT 5, CORRECTED MINIMUM HOLDING ALTITUDE FROM 6000 TO 5000 - TO MATCH WHAT IS PUBLISHED FOR THE HOLD-IN-LIEU ON THE KHII RNAV (GPS) RWY 14.

ADDED PAT 6.

ADDED RNDRZ (RNAV) STAR TO FIX USE.

REMOVED PALLY (RNAV) DEPARTURE FROM FIX USE.

FIX USE, CHANGED KHII VOR/DME-A TO VOR-A - PROCEDURE RENAMED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

APPROVED BY:

DATE:

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: PSP

OTHER:

INFORMATION ONLY

NAME: PEYON

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344011.42N/1142610.02W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 14

FAC PAT

AIRPORT IDENT
KHII

CITY
LAKE HAVASU CITY

STATE
AZ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/28/2012

OFFICE: AJV-354

NAME: ADOLFO URRUTIA (THERON CYRUS)

APPROVED BY:

DATE: 07/25/2012

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY:
OTHER:

INFORMATION ONLY

NAME: RACOG

STATE: AZ

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 343906.14N/1142517.93W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 14

FAC PAT

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KHII

CITY
LAKE HAVASU CITY

STATE
AZ (US)

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