

RADIO FIX AND HOLDING DATA RECORD

NAME: NEWTON VOR/DME STATE: IA COUNTRY: US ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 414701.98N/0930632.52W 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	NEWTON	TNU	VOR/DME	L							17500

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	NW	TNU	VOR/DME	327.00	147.00	R	1		2700	10000	4	9
2	NE	TNU	VOR/DME	056.01	236.01	R	1		3000	10000	4	9
3	SE	TNU	VOR/DME	115.84	295.84	R	1		3000	10000	4	9
4	NE		WP	046.61	226.61	R		4	4000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (19-001421)	414905.00N/0931233.00W	1458	5D
2	200	WINDMILL (19-022089)	415328.09N/0925819.66W	1527	2C
3	200	TOWER (19-000872)	414409.00N/0930113.50W	1281	1A
4	200	WINDMILL (19-022089)	415328.09N/0925819.66W	1527	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAGVAR 3E/1995.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS			KIKV	ANKENY	IA (US)
EN ROUTE	V172					IA (US)
EN ROUTE	V77					IA (US)
IAP	ILS OR LOC RWY 01			KAMW	AMES	IA (US)
IAP	VOR RWY 31		3	KAMW	AMES	IA (US)
IAP	ILS OR LOC RWY 36		2	KIKV	ANKENY	IA (US)
IAP	RNAV (GPS) RWY 18		4	KIKV	ANKENY	IA (US)
IAP	ILS OR LOC RWY 13			KDSM	DES MOINES	IA (US)
IAP	ILS OR LOC RWY 31			KDSM	DES MOINES	IA (US)
IAP	ILS RWY 31 (CAT II)			KDSM	DES MOINES	IA (US)
IAP	ILS RWY 31 (CAT III)			KDSM	DES MOINES	IA (US)
IAP	VOR RWY 23		2	KDSM	DES MOINES	IA (US)
IAP	VOR/DME RWY 31			KGGI	GRINNELL	IA (US)
IAP	ILS OR LOC RWY 32		1	KTNU	NEWTON	IA (US)
IAP	VOR RWY 14		1	KTNU	NEWTON	IA (US)
IAP	NDB RWY 34			KPEA	PELLA	IA (US)
IAP	ILS OR LOC RWY 12			KALO	WATERLOO	IA (US)
IAP	LOC BC RWY 30			KALO	WATERLOO	IA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21 DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

CONTROLLING OBSTRUCTIONS: PAT 2 AND PAT 4 CONTROLLERS UPDATED WITH NEW SURVEY ELEVATION.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: COLIN CAMPBELL

APPROVED BY: DATE: 11/30/2023 OFFICE: AJV-A423 NAME: ALLAN WILL

Digitally signed by
SIGNATURE: MICHAEL GARRITY

Aug 03, 2023

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZAGTU

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 412927.92N/0933357.14W

TYPE: WP, RADAR, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	ANKENY	I-FVH	LOC/DME		177.01	180.01	12.57	12.56	3000	5400
2	DES MOINES	DSM	VORTAC	VH	042.29	049.29	4.92	4.92	3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	S		WP	177.01	357.01	R	4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (19-001584)	412241.58N/0933647.58W	1311	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

ANKENY (FAC 1) AND DES MOINES (FAC 2) USED TO ESTABLISH FIX COORDINATES.
I-FVH DME COORDINATES 414202.41N/0933401.10W
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V77	1, 2				(US)
IAP	ILS OR LOC RWY 36	1, 2		KIKV	ANKENY	IA (US)
IAP	RNAV (GPS) RWY 36		1	KIKV	ANKENY	IA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: FAC 2, DSM VORTAC, CLASS UPDATED FROM "H" TO "VH".
2. REQUIRED CHARTING: REMOVED "CONTROLLER"; ADDED "CONTROLLER LOW".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

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MICHAEL GARRITY
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