

RADIO FIX AND HOLDING DATA RECORD

NAME: DICKINSON VORTAC

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 465136.14N/1024624.60W

TYPE:

AIRSPACE DOCKET: 22-ACE-1

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	DICKINSON	DIK	VORTAC	VH							45000

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	N	DIK	VORTAC	003.00	183.00	R	1		4600	10000	5	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (38-000427)	465515.00N/1024344.00W	3115	5D
1	310	TOWER (38-000355)	465652.74N/1025926.84W	3320	5C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 32	KDIK	DICKINSON	ND (US)

REMARKS:

1. PRECIPITOUS TERRAIN EVALUATION COMPLETED.
2. ASSIGNED MAGVAR EAST 14 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	WILLISTON			KXWA	WILLISTON	ND (US)
EN ROUTE	J36					(US)
EN ROUTE	J562					(US)
EN ROUTE	J70					(US)
EN ROUTE	T268					(US)
EN ROUTE	T286					(US)
EN ROUTE	V2					(US)
EN ROUTE	V439					(US)
EN ROUTE	V491					(US)
EN ROUTE	V510					(US)
IAP	ILS OR LOC RWY 32		1	KDIK	DICKINSON	ND (US)
IAP	VOR-A		1	KDIK	DICKINSON	ND (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 16

DATE OF REVISION: 02/23/2023

REASON FOR REVISION:

1. DOCKET: ADDED "22-ACE-1"
2. FIX USE: ADDED "EN ROUTE T286"

12/20/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/28/22.

1. FIX USE: ADDED "KDIK ILS OR LOC RWY 32"; CHANGED "WILLISTON FIVE DEPARTURE" TO "WILLISTON".
2. PATTERNS: UPDATED MAX TEMPLATE FROM "9" TO "43".
3. OBSTRUCTIONS: REMOVED "230 TOWER (38-000018)"; ADDED "200 TOWER (38-000427)" AND "310 TOWER (38-000355)".
4. HOLDING RESTRICTIONS: CHANGED "HOLDING LIMITED TO ESTABLISHED PATTERN" TO "HOLDING LIMITED TO ESTABLISHED PATTERN(S)".
5. REMARKS: ADDED "1. PRECIPITOUS TERRAIN EVALUATION COMPLETED." AND "2. ASSIGNED MAGVAR EAST 14 1965".
6. CHARTING: REMOVED "SPECIAL DP"; ADDED "DP".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 02/23/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LEWISTOWN VOR/DME **STATE:** MT **COUNTRY:** US **ICAO REGION CODE:** K1
LATITUDE/LONGITUDE: 470310.69N/1093622.21W **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	MAA
1	LEWISTOWN	LWT	VOR/DME	VH						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	W	LWT	VOR/DME	274.00	094.00	R	1		5900	17500	5	16
2	E		WP	092.61	272.61	R		5	7200	17500	9	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	465839.00N/1093530.00W	4603	4E
1	230	AAO	465818.00N/1093036.00W	4758	4E
1	265	AAO	465648.00N/1092930.00W	5351	4E
1	310	AAO	470948.00N/1093239.00W	5804	4E
2	230	AAO	470906.00N/1092118.00W	6172	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINS	KLWT	LEWISTOWN	MT (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FAC MAG VAR E15 1990.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BILLINGS			KBIL	BILLINGS	MT (US)
DP	STAKK			KHLN	HELENA	MT (US)
DP	BILLINGS			6S8	LAUREL	MT (US)
DP	TAKEOFF MINS		1	KLWT	LEWISTOWN	MT (US)
EN ROUTE	J70					(US)
EN ROUTE	V113					(US)
EN ROUTE	V120					(US)
EN ROUTE	V611					(US)
IAP	RNAV (GPS) RWY 26			KLWT	LEWISTOWN	MT (US)
IAP	RNAV (GPS) RWY 8		2	KLWT	LEWISTOWN	MT (US)
IAP	VOR RWY 8		1	KLWT	LEWISTOWN	MT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 10/05/2023

REASON FOR REVISION:

1. PATTERNS: UPDATED PAT 1 LEG LENGTH TIME FROM "1-1 1/2" TO "1".
2. FIX USE: REMOVED FAC 1 FROM "STAKK DP, J70, V113, V120, AND V611".

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

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

APPROVED BY: **DATE:** 10/05/2023 **OFFICE:** AJV-A423 **NAME:** ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MULLAN PASS VOR/DME

STATE: ID

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 472724.85N/1153845.76W

TYPE:

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 FEET	MRA	MAA
1	MULLAN PASS	MLP	VOR/DME	VH						45000

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	W	MLP	VOR/DME	260.00	080.00	R	1		9000 45000	9 29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	472530.00N/1154618.00W	6952	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	370

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PAT 1 FOR ATC USE.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: E15/2010.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RIDDG (RNAV)			KGPI	KALISPELL	MT (US)
DP	SKOTT			KGPI	KALISPELL	MT (US)
DP	DIDLY			KMSO	MISSOULA	MT (US)
DP	MZULA			KMSO	MISSOULA	MT (US)
DP	VICTO (RNAV)			KMSO	MISSOULA	MT (US)
DP	MOUNTAIN			KSEA	SEATTLE	WA (US)
DP	SPOKANE			KGEG	SPOKANE	WA (US)
DP	FELTS			KSFF	SPOKANE	WA (US)
EN ROUTE	J136					(US)
EN ROUTE	J36					(US)
EN ROUTE	J537					(US)
EN ROUTE	J540					(US)
EN ROUTE	J599					(US)
EN ROUTE	J70					(US)
EN ROUTE	Q142					(US)
EN ROUTE	T268					(US)
EN ROUTE	V120					(US)
EN ROUTE	V2					(US)
EN ROUTE	V536					(US)
IAP	ILS OR LOC/DME RWY 06			KCOE	COEUR D'ALENE	ID (US)
IAP	ILS Y RWY 12			KMSO	MISSOULA	MT (US)
IAP	ILS Z RWY 12			KMSO	MISSOULA	MT (US)
IAP	RNAV (RNP) Z RWY 12			KMSO	MISSOULA	MT (US)
STAR	GLASR			KRNT	RENTON	WA (US)
STAR	GLASR			KBFI	SEATTLE	WA (US)
STAR	GLASR			KSEA	SEATTLE	WA (US)
STAR	HILIE			KGEG	SPOKANE	WA (US)
STAR	HILIE			KSFF	SPOKANE	WA (US)
STAR	HILIE			KSKA	SPOKANE	WA (US)
STAR	GLASR			KTCM	TACOMA	WA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

1. FAC 1 MLP CLASS CHANGED FROM "H" TO "VH" IN FIX MAKE-UP FACILITIES.
2. DELETED MLP ESV.
3. ADDED RIDDG (RNAV) AT KGPI IN FIX USE.
4. ADDED VICTO (RNAV) AT KMSO IN FIX USE.
5. DELETED VOR/DME RWY 02 AT KCOE IN FIX USE.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A421

NAME: DANIEL JOHNSEN**APPROVED BY:****DATE:** 08/10/2023**OFFICE:** AJV-A421**NAME:** JASON KRETSCHMER**SIGNATURE:**