

RADIO FIX AND HOLDING DATA RECORD

NAME: HINDY

STATE: NM

COUNTRY: US

LATITUDE/LONGITUDE: 365806.48N/1075540.49W

TYPE: WP, 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	FAC FEET	MRA	MAA
1	DURANGO	I-DRO	LOC		207.37	220.37		14.72		10000	11100
2	DURANGO	DRO	VOR/DME	L	203.77	217.77	14.00	14.00		10000	17500
3	RATTLESNAKE	RSK	VORTAC	H	017.93	031.93	15.55	15.55		10000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS ORLOC/DME RWY 03	1, 2, 3		KDRO	DURANGO	CO (US)
IAP	RNAV (GPS) RWY 03			KDRO	DURANGO	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

UPDATED FIX USE TO CURRENT FORMAT.
UPDATED FIX MAKEUP.
ADDED DISTANCE FROM FACILITY DME.
ADDED MAG BEARING FAC 1.
DELETED FAC 4.

DEVELOPED BY:

DATE: 12/17/2015

OFFICE: AJV-5431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JUBEP

STATE: CO

COUNTRY: US

LATITUDE/LONGITUDE: 370310.69N/1075051.45W

TYPE: WP, 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	FAC FEET	MRA	MAA
1	DURANGO	I-DRO	LOC		207.37	217.37		8.35	50738	8800	11100
2	DURANGO	DRO	VOR/DME	L	204.08	218.08	7.63	7.63	46372	8800	11100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 03	1, 2		KDRO	DURANGO	CO (US)
IAP	RNAV (GPS) RWY 03			KDRO	DURANGO	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

FIX MOVED .10 NM TO MATCH ILS PFAF LOCATION.
ADDED FAC 1 DISTANCE FROM FACILITY NM AND FEET.
UPDATED FAC 2 DISTANCE FROM FACILITY 7.53 NM TO 7.63 NM AND BRG FROM 218.10 TO 218.08.
UPDATED FIX MAKE UP DATA, DELETED FAC 3 (KDRO RWY 03 THLD).
UPDATED FIX USE TO CURRENT FORMAT.

DEVELOPED BY:

DATE: 10/21/2015

OFFICE: AJV-5431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RATTLESNAKE VORTAC

STATE: NM

COUNTRY: US

LATITUDE/LONGITUDE: 364454.21N/1080556.04W

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	RATTLESNAKE	RSK	VORTAC	H							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	E	RSK	VORTAC	072.35	252.35	L	1-1 1/2		8300	17500	9	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	AAO	363624.00N/1074830.00W	7290	4E
1	230	TOWER (35-020113)	364852.88N/1075333.29W	7091	5E
1	310	AAO	363624.00N/1074830.00W	7290	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 9300.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR/DME RWY 7	KFMN	FARMINGTON	NM (US)
1	VOR/DME RWY 5	KFMN	FARMINGTON	NM (US)
1	TAKEOFF MINIMUMS	KFMN	FARMINGTON	NM (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SILOW			KPHX	PHOENIX	AZ (US)
DP	ST JOHNS			KPHX	PHOENIX	AZ (US)
DP	JONHH			KSDL	SCOTTSDALE	AZ (US)
DP	GRAND MESA			KGJT	GRAND JUNCTION	CO (US)
DP	ALBUQUERQUE			KABQ	ALBUQUERQUE	NM (US)
DP	ATOMK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	JEMEZ (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	LARGO			KABQ	ALBUQUERQUE	NM (US)
DP	CHACO			KFMN	FARMINGTON	NM (US)
DP	PLATA			KFMN	FARMINGTON	NM (US)
DP	TAKEOFF MINIMUMS		1	KFMN	FARMINGTON	NM (US)
EN ROUTE	J10					(US)
EN ROUTE	J110					(US)
EN ROUTE	J15					(US)
EN ROUTE	J161					(US)
EN ROUTE	J44					(US)
EN ROUTE	J44-110					(US)
EN ROUTE	J58					(US)
EN ROUTE	J64					(US)
EN ROUTE	V187					(US)
EN ROUTE	V210					(US)
EN ROUTE	V361					(US)
EN ROUTE	V368					(US)
EN ROUTE	V421					(US)
EN ROUTE	V68					(US)
EN ROUTE	V68-391					(US)
EN ROUTE	V95					(US)
EN ROUTE	V95-421					(US)
IAP	RNAV (GPS) RWY 3			KCEZ	CORTEZ	CO (US)
IAP	ILS OR LOC/DME RWY 3		1	KDRO	DURANGO	CO (US)
IAP	RNAV (GPS) RWY 3			KDRO	DURANGO	CO (US)
IAP	VOR/DME RWY 3			KDRO	DURANGO	CO (US)
IAP	HI-ILS OR LOC RWY 8			KABQ	ALBUQUERQUE	NM (US)
IAP	HI-TACAN RWY 8			KABQ	ALBUQUERQUE	NM (US)
IAP	ILS OR LOC RWY 25			KFMN	FARMINGTON	NM (US)
IAP	VOR RWY 23			KFMN	FARMINGTON	NM (US)
IAP	VOR RWY 25			KFMN	FARMINGTON	NM (US)
IAP	VOR/DME RWY 5		1	KFMN	FARMINGTON	NM (US)
IAP	VOR/DME RWY 7		1	KFMN	FARMINGTON	NM (US)
IAP	RNAV (GPS) RWY 35			KBDG	BLANDING	UT (US)

QUALITY
25
CHECKED

STAR LARKS KDEN DENVER CO (US)

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

COMPULSORY REPORTING POINT: BOTH

RECORD REVISION NUMBER: 13

DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

UPDATED FIX USE. ADDED PAT 1 TO ILS OR LOC/DME RWY 03 KDRO.
UPDATED UPLANNED AND CIH PATTERN OBSTACLE DATA.

DEVELOPED BY: **DATE:** 12/17/2015 **OFFICE:** AJV-5431 **NAME:** ROBERT GRIM

APPROVED BY: **DATE:** **OFFICE:** AJV-5430 **NAME:** LONNIE EVERHART

SIGNATURE:

DISTRIBUTION: **NFDC**
 FPO: WST
 ARTCC: ZDV
 ATC FACILITY: FMN ATCT
 OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: RESER

STATE: NM

COUNTRY: US

LATITUDE/LONGITUDE: 365449.21N/1072925.97W

TYPE: WP, 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	FEET	MRA	MAA
1	RATTLESNAKE	RSK	VORTAC	H	057.14	071.14	30.93	30.93		9000	17500
2	DURANGO	DRO	VOR/DME	L	125.00	139.00	19.00	19.00		9000	17500

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	NW		WP	307.15	127.15	R		7	9500	14000	10	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	370442.00N/1074610.00W	7859	2C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	110

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKE OFF MINIMUMS	1, 2		KDRO	DURANGO	CO (US)
EN ROUTE	V 210	1, 2				(US)
IAP	RNAV (GPS) RWY 03		1	KDRO	DURANGO	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

ADDED DISTANCE TO FACILITY DME FAC 1, FAC 2.
DELETED PAT 1.
UPDATED REMARKS.
UPDATED FIX USE TO CURRENT FORMAT.

DEVELOPED BY:

DATE: 12/17/2015

OFFICE: AJV-5431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-5431

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: RIZAL

STATE: CO

COUNTRY: US

LATITUDE/LONGITUDE: 370113.87N/1081041.98W

TYPE: WP, 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 NM	FAC FEET	MRA	MAA
1	RATTLESNAKE	RSK	VORTAC	H	332.83	346.83	16.75	16.75		9200	17500
2	DURANGO	DRO	VOR/DME	L	235.00	249.00		22.06		9200	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

RATTLESNAKE (FAC 1) AND DURANGO (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V187	1, 2				(US)
IAP	RNAV (GPS) RWY 03			KDRO	DURANGO	CO (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

ADDED WP TO FIX TYPE.
ADDED RNAV (GPS) RWY 03 KDRO TO FIX USE.

DEVELOPED BY:

DATE: 10/22/2015

OFFICE: AJV-5431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZDV
ATC FACILITY: FMN ATCT
OTHER: DEN FSS



RADIO FIX AND HOLDING DATA RECORD

NAME: TURLY

STATE: NM

COUNTRY: US

LATITUDE/LONGITUDE: 364559.52N/1074604.22W

TYPE: WP, INT, DME

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	RATTLESNAKE	RSK	VORTAC	H	072.00	086.00	16.00	16.00		9000	17500
2	DURANGO	DRO	VOR/DME	L	168.17	182.17		23.19		9000	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	E	RSK	VORTAC	072.00	252.00	R	1-1 1/2		9000	17500	10	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	364728.15N/1073619.01W	7180	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V368	1, 2	1			(US)
IAP	RNAV (GPS) RWY 03			KDRO	DURANGO	CO (US)
IAP	RNAV (GPS) RWY 23			KFMN	FARMINGTON	NM (US)
IAP	RNAV (GPS) RWY 25			KFMN	FARMINGTON	NM (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

ADDED RNAV (GPS) RWY 03 KDRO TO FIX USE.

DEVELOPED BY:

DATE: 10/22/2015

OFFICE: AJV-5431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZDV
ATC FACILITY: FMN ATCT
OTHER:

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

CANCEL

NAME: TUYRU

STATE: CO

COUNTRY: US

LATITUDE/LONGITUDE: 371403.42N/1074028.83W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	KDRO R03					037.37	7.00				17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	DURANGO-LA PLATA COUNTY (KDRO) - RNAV (GPS) RWY 3			KDRO	DURANGO	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/15/2009

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WAVGI

STATE: CO

COUNTRY: US

LATITUDE/LONGITUDE: 370639.49N/1074732.73W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	DURANGO	I-DRO	LOC		207.37	220.37		3.98		7300	8800
2	DURANGO	DRO	VOR/DME	L	205.03	219.03	3.26	3.26		7300	8800

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 03	1, 2		KDRO	DURANGO	CO (US)
IAP	RNAV (GPS) RWY 03			KDRO	DURANGO	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

FIX MOVED .20 NM TO MAINTAIN 3.00 DEGREES FOR A STABILIZED DESCENT.
DELETED FAC 1 (KDRO RWY 03 THLD).
ADDED FAC 1 DRO LOCALIZER AND ASSOCIATED DATA.
ADDED FAC 2 DRO VOR/DME AND ASSOCIATED DATA.
UPDATED FIX USE, ADDED ILS OR LOC/DME RWY 03.

DEVELOPED BY:

DATE: 10/21/2015

OFFICE: AJV-5431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

CANCEL

NAME: WURVA

STATE: CO

COUNTRY: US

LATITUDE/LONGITUDE: 370829.33N/1074548.04W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	DURANGO	DRO	VOR/DME	L	209.00	223.00	0.97	0.97		6860	6960

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 03	1		KDRO	DURANGO	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/31/2016

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

QUALITY
25
CHECKED