

RADIO FIX AND HOLDING DATA RECORD

NAME: AALAN

STATE: AZ

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 363519.39N/1135506.09W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	BOULDER CITY	BLD	VORTAC	H	036.95	051.95	58.00	58.00		19000	45000

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

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	NE		WP	045.34	225.34	R	10	17000 24000	17 20

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	363651.00N/1140509.00W	8150	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	265	380

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BLAID	1		KLAS	LAS VEGAS	NV (US)
STAR	CHOWW (RNAV)		1	KLAS	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

06/22/2020: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/19/2020.
1. REMOVED MLF VORTAC AS FAC 2 IN FIX MAKE-UP FACILITIES AND BLAID STAR FIX USE.

01/11/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/19/2020.
1. REMOVED MLF FROM FIX MAKEUP FACS.

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: LAS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BRYCE CANYON VORTAC STATE: UT COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 374121.07N/1121814.03W 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	BRYCE CANYON	BCE	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	SW		WP	225.36	045.36	R		7	11500	13300	10	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	373352.00N/1122040.37W	9780	6C
1	310	AAO	373700.00N/1124330.00W	10132	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	156
1	310	292

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	BRYCE (RNAV)	KBCE	BRYCE CANYON	UT (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: 15 DEGREES EAST (1975).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRYCE (RNAV)		1	KBCE	BRYCE CANYON	UT (US)
DP	KACIR (RNAV)			KKNB	KANAB	UT (US)
DP	FAIRFIELD			KSLC	SALT LAKE CITY	UT (US)
DP	ZIONZ (RNAV)			KSLC	SALT LAKE CITY	UT (US)
EN ROUTE	J100					(US)
EN ROUTE	J11					(US)
EN ROUTE	J196					(US)
EN ROUTE	J523					(US)
EN ROUTE	J60					(US)
EN ROUTE	V257					(US)
EN ROUTE	V293					(US)
EN ROUTE	V8					(US)
IAP	RNAV (GPS)-A			KU52	BEAVER	UT (US)
IAP	RNAV (GPS) RWY 21			KBCE	BRYCE CANYON	UT (US)
IAP	RNAV (GPS) RWY 3			KBCE	BRYCE CANYON	UT (US)
IAP	ILS OR LOC RWY 20			KCDC	CEDAR CITY	UT (US)
IAP	RNAV (GPS) RWY 34			KMLF	MILFORD	UT (US)
IAP	RNAV (GPS) RWY 36			KU55	PANGUITCH	UT (US)
STAR	DELTA (RNAV)			KSLC	SALT LAKE CITY	UT (US)
STAR	JAMMN			KSLC	SALT LAKE CITY	UT (US)
STAR	QWENN (RNAV)			KSLC	SALT LAKE CITY	UT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 DATE OF REVISION: 11/05/2020

REASON FOR REVISION:

1. UPDATED FIX USE, REMOVED LUXOR AND NOOTN STAR AND LAS VEGAS SID.
2. DELETED UNPLANNED HOLDING.
3. UPDATED HOLDING RESTRICTIONS.

INITIATED BY: DATE: ORGANIZATION: NAME:

RADIO FIX AND HOLDING DATA RECORD

NAME: CHOWW

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 362343.14N/1141346.48W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	BOULDER CITY	BLD	VORTAC	H	036.95	051.95	39.00	39.00		15000	22000

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BLAID	1		KLAS	LAS VEGAS	NV (US)
STAR	CHOWW (RNAV)			KLAS	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

01/11/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/19/2020.

1. ADDED STAR TO REQUIRED CHARTING.

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: LAS APP CON
OTHER:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER**APPROVED BY:****DATE:****OFFICE:** AJV-A440**NAME:** PATRICK MULQUEEN**SIGNATURE:****DISTRIBUTION:****NFDC****FPO:** WST**ARTCC:** ZLC, ZLA**ATC FACILITY:** SLC APP CON**OTHER:** ZDV

RADIO FIX AND HOLDING DATA RECORD

NAME: MILFORD VORTAC **STATE:** UT **COUNTRY:** US **ICAO REGION CODE:** K2

LATITUDE/LONGITUDE: 382137.28N/1130047.64W **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	MILFORD	MLF	VORTAC	H						5660	45000

FIX RESTRICTIONS:

MCA V244 12000 EASTBOUND

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	N	MLF	VORTAC	006.70	186.70	R	1		9600	17500	9	16
2	S	MLF	VORTAC	168.00	348.00	R	1		11200	17500	9	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	381918.00N/1125318.00W	9033	4E
2	230	AAO	381915.00N/1125233.00W	9055	4E
2	310	AAO	382300.00N/1124857.00W	9843	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	288
2	310	290
2	230	266

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	TAKE-OFF MINIMUMS	KMLF	MILFORD	UT (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
PAT 1 CONTROLLING OBSTACLE PRIMARY EQUIVALENT IS 8275'.
ASSIGNED FAC MAGVAR: 16 DEGREES EAST (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HOOVER			KLAS	LAS VEGAS	NV (US)
DP	STAAV (RNAV)			KLAS	LAS VEGAS	NV (US)
DP	TRALR (RNAV)			KLAS	LAS VEGAS	NV (US)
DP	TAKE-OFF MINIMUMS		2	KMLF	MILFORD	UT (US)
DP	ARCHZ (RNAV)			KSLC	SALT LAKE CITY	UT (US)
DP	FAIRFIELD			KSLC	SALT LAKE CITY	UT (US)
DP	SEVYR			KSLC	SALT LAKE CITY	UT (US)
EN ROUTE	J107					(US)
EN ROUTE	J28					(US)
EN ROUTE	J58					(US)
EN ROUTE	J80					(US)
EN ROUTE	J9					(US)
EN ROUTE	T298					(US)
EN ROUTE	V21					(US)
EN ROUTE	V235					(US)
EN ROUTE	V244					(US)
IAP	RNAV (GPS)-A			KU52	BEAVER	UT (US)
IAP	ILS OR LOC RWY 20			KCDC	CEDAR CITY	UT (US)
IAP	RNAV (GPS) RWY 20			KCDC	CEDAR CITY	UT (US)
IAP	VOR RWY 20			KCDC	CEDAR CITY	UT (US)
IAP	RNAV (GPS) RWY 16			KMLF	MILFORD	UT (US)
IAP	VOR/DME-A		1	KMLF	MILFORD	UT (US)
STAR	DELTA (RNAV)			KSLC	SALT LAKE CITY	UT (US)
STAR	JAMMN			KSLC	SALT LAKE CITY	UT (US)
STAR	QWENN (RNAV)			KSLC	SALT LAKE CITY	UT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

UPDATED FIX USE, DELETED LUXOR STAR AND LAS VEGAS DP. ADDED BLAID STAR AND HOOVER DP.

01/11/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/19/2020.

1. REMOVED BLAID STAR FROM FIX USE.

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

AJV-A442

NAME: JOSEPH ZEDER**APPROVED BY:****DATE:****OFFICE:** AJV-A440**NAME:** PATRICK MULQUEEN**SIGNATURE:****DISTRIBUTION:**

NFDC

FPO: WST

ARTCC: ZLC

ATC FACILITY: SLC APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PAGE VOR/DME **STATE:** AZ **COUNTRY:** US **ICAO REGION CODE:** K2

LATITUDE/LONGITUDE: 365551.76N/1112650.79W **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	PAGE	PGA	VOR/DME	L						27000

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	PGA	VOR/DME	327.00	147.00	R	1	7700 17500	8 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	370727.00N/1113148.00W	5716	6A
1	310	AAO	365230.00N/1113924.00W	6628	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	266
1	230	149

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	KPGA	PAGE	AZ (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
FACILITY ASSIGNED MAGNETIC VARIATION: 13E/2000

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS		1	KPGA	PAGE	AZ (US)
DP	SILOW			KPHX	PHOENIX	AZ (US)
DP	SCAMR (RNAV)			KHND	LAS VEGAS	NV (US)
DP	HOOVER			KLAS	LAS VEGAS	NV (US)
EN ROUTE	V208					AZ (US)
EN ROUTE	V293					AZ (US)
IAP	RNAV (GPS) RWY 15			KPGA	PAGE	AZ (US)
IAP	VOR-B		1	KPGA	PAGE	AZ (US)
STAR	BLAID			KLAS	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

PAT 1, REMOVED "1 1/2" FROM LEG LENGTH TIME - 8260.19H REQUIRES ONLY THE LEG LENGTH AT THE MINIMUM HOLDING ALTITUDE.
FIX USE, REMOVED KHND ACSIN SID - PROCEDURE CANCELED.
FIX USE, ADDED KHND SCAMR (RNAV) SID - NEW PROCEDURE.
FIX USE, REMOVED KLAS LUXOR STAR - PROCEDURE CANCELED.
FIX USE, REMOVED KLAS LAS VEGAS SID - PROCEDURE CANCELED.
FIX USE, ADDED KLAS HOOVER SID - NEW PROCEDURE.
REQUIRED CHARTING, ADDED "CONTROLLER LOW" AND "CONTROLLER HIGH" - AJV-A POLICY WHEN "ENROUTE LOW" AND "ENROUTE HIGH" ARE SELECTED.
REQUIRED CHARTING, REMOVED "STAR" - FIX NO LONGER PUBLISHED ON ANY STARS.

1/14/21: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 5/7/20.

1. FIX USE, ADDED KLAS BLAID STAR - PUBLICATION DATE OF THAT PROCEDURE MOVED UP TO COINCIDE WITH THIS FIX.
2. REQUIRED CHARTING, ADDED "STAR" - KLAS BLAID STAR ADDED TO FIX USE.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 **NAME:** RUSSELL ROSLEWSKI

APPROVED BY:**DATE:****OFFICE:** AJV-A420**NAME:** MARLON ROBINSON**SIGNATURE:****DISTRIBUTION:****NFDC**
FPO: WST
ARTCC: ZDV
ATC FACILITY:
OTHER: