

RADIO FIX AND HOLDING DATA RECORD

NAME: IMUPY

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 350359.66N/0820516.21W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NE		WP	038.29	218.29	R	4	3000	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-000914)	350336.00N/0821123.00W	1495	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
IAP	RNAV (GPS) RWY 22		1	KGSP	GREER	SC (US)
IAP	RNAV (GPS) RWY 4		1	KGSP	GREER	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/05/2011

REASON FOR REVISION:

REMOVED RWY 22 FROM FIX USE
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED
UPDATE HOLDING AND CONTROLLING OBSTACLE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: GSP APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JOKVA

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345144.24N/0821439.75W

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	GREER	I-GSP	LOC/DME		218.21	212.21	3.40	3.43		1360	5400

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 4	1		KGSP	GREER	SC (US)
IAP	ILS RWY 4 (CAT II - III)	1		KGSP	GREER	SC (US)
IAP	ILS RWY 4 (SA CAT I)	1		KGSP	GREER	SC (US)
IAP	RNAV (GPS) RWY 4			KGSP	GREER	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/05/2019

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JACOB MAXFIELD

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: GSP APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MULDE

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 344930.09N/0821622.18W

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	GREER	I-GSP	LOC/DME		218.21	212.21	6.04	6.07	36894	2300	5400

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 4			KGSP	GREER	SC (US)
IAP	ILS RWY 4 (CAT II-III)			KGSP	GREER	SC (US)
IAP	ILS RWY 4 (SA CAT I)			KGSP	GREER	SC (US)
IAP	RNAV (GPS) RWY 4			KGSP	GREER	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

LAT/LONG: MOVED FIX S 4 FT.

FIX MAKE-UP: CHANGED DIST FROM FAC FEET FROM 36891 TO 36894.

FIX USE: DELETED "DME" FROM KGSP - ILS OR LOC RWY 4; REMOVED FAC 1 FROM ALL FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: JACOB MAXFIELD

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZTL

ATC FACILITY: GSP APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: OXABY STATE: SC COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 344339.04N/0822049.71W 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	MRA	MAA
1	GREER	I-GSP	LOC/DME		218.21	212.21	12.94	12.97	3000	5400
2	SPARTANBURG	SPA	VORTAC	H	230.64	228.64	27.68	27.68	3000	5400

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW		WP	218.14	038.14	R		3000	6000	5	6
2	SW	I-GSP	LOC/DME	218.21	038.21	R	1	3000	5400	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-000599)	343851.00N/0821612.00W	1849	3C
2	200	TOWER (45-001682)	344105.00N/0822354.00W	1224	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

GREER (FAC 1) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 CONTROLLING OBSTACLE LOCATED 2104 FEET IN SECONDARY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 4	1, 2	2	KGSP	GREER	SC (US)
IAP	ILS RWY 4 (CAT II-III)	1, 2	2	KGSP	GREER	SC (US)
IAP	ILS RWY 4 (SA CAT I)	1, 2	2	KGSP	GREER	SC (US)
IAP	RNAV (GPS) RWY 22		1	KGSP	GREER	SC (US)
IAP	RNAV (GPS) RWY 4		1	KGSP	GREER	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

LAT/LONG: MOVED FIX NE 27.
 FIX TYPE: DELETED "INT"
 FIX MAKE-UP: DELETED FAC 2 AND 4; CHANGED I-GSP LOC/DME DIST FROM FAC NM FROM 12.98 TO 12.97; CHANGED SPA VORTAC DME AND DIST FROM FAC NM FROM 27.69 TO 27.68 AND CHANGED SPA VORTAC MAA FROM 17500 TO 5400.
 HOLDING: CHANGED PAT 1 MAX ALTITUDE FROM 14000 TO 6000 AND MAX TEMPLATE FROM 11 TO 6; CHANGED PAT 2 MAX ALTITUDE FROM 5000 TO 5400 AND TEMPLATE SIZES MIN/MAX FROM 6/7 TO 4/5
 CONTROLLING OBST: CHANGED PAT 2 200 KIAS OBST FROM 1849 TOWER (45-000599) TO 1224 TOWER (45-001682).
 REMARKS: CHANGED "GREER (FAC 1) AND GREENWOOD (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO "GREER (FAC 1) USED TO ESTABLISH FIX COORDINATES"; ADDED "PAT 1 CONTROLLING OBSTACLE LOCATED 2104 FEET IN SECONDARY"
 FIX USE: DELETED "/DME" FROM KGSP - ILS OR LOC RWY 4; CONSOLIDATED KGSP - ILS RWY 4 (CAT II) AND ILS RWY 4 (CAT III); DELETED FAC 2 AND 4 FROM FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: JACOB MAXFIELD
 APPROVED BY: DATE: OFFICE: AJV-A430 NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: EST
 ARTCC: ZTL
 ATC FACILITY: GSP APP CON
 OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: RAYCE **STATE:** SC **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 350139.16N/0820704.15W **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	MRA	MAA
1	GREER	I-LMJ	LOC		038.22	032.22		10.42	3000	5400
2	SPARTANBURG	SPA	VORTAC	H	269.84	267.84	9.41	9.41	3000	5400

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	038.27	218.27	L		4	3000	6000	5	6
2	NE	I-LMJ	LOC	038.22	218.22	L	1		3000	5400	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-001009)	345954.00N/0820816.00W	1401	4D
2	200	TOWER (45-001009)	345954.00N/0820816.00W	1401	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUESTED LEFT TURN TO AVOID AVL AIRSPACE
PAT 2 ATC REQUESTED LEFT TURN TO AVOID AVL AIRSPACE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

GREER (FAC 1) AND SPARTANBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 22	1, 2	2	KGSP	GREER	SC (US)
IAP	RNAV (GPS) RWY 22		1	KGSP	GREER	SC (US)
IAP	RNAV (GPS) RWY 4		1	KGSP	GREER	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 12/05/2019

REASON FOR REVISION:

LAT/LONG: MOVED SW 2.48 NM. RETAINED FIX NAME FOR OPERATIONAL REQUIREMENTS PER ATC.
FIX TYPE: ADDED "WP"
FIX MAKE-UP: CHANGED FAC 1 DIST FROM FAC NM FROM 12.90 TO 10.62, MRA FROM 2700 TO 3000; CHANGED FAC 2 MAG/TRUE FROM 284.16/282.16 TO 270.84/268.84, MRA FROM 2700 TO 3000 AND MAA FROM 17500 TO 5400.
HOLDING: ADDED PAT 1 AND 2.
HOLDING RESTRICTIONS: ADDED "HOLDING LIMITED TO ESTABLISHED PATTERNS."
REMARKS: ADDED "GREER (FAC 1) AND SPARTANBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES" AND "PRECIPITOUS TERRAIN EVALUATION COMPLETED."
FIX USE: ADDED PAT 2 TO KGSP - ILS OR LOC RWY 22; ADDED KGSP - RNAV (GPS) RWY 4 AND RNAV (GPS) RWY 22.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** JACOB MAXFIELD
APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: GSP APP CON
OTHER: