

RADIO FIX AND HOLDING DATA RECORD

NAME: LYMEN

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345754.02N/0820956.82W

TYPE: WP, INT

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	GREER	I-LMJ	LOC		038.22	032.22		5.99	36384	2300	5400
2	SPARTANBURG	SPA	VORTAC	H	252.82	250.82		12.47		2300	5400

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GREER (FAC 1) AND SPARTANBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES
NAME CHANGED FROM LYMEN OM TO LYMEN

FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

NAME: CHANGED FIX NAME FROM LYMEN OM TO LYMEN
LAT/LONG: MOVED FIX SW 5309 FT.
FIX TYPE: ADDED WP.
FIX MAKE-UP: DELETED FAC 1 AND 4; CHANGED I-LMJ LOC DIST FROM FAC NM/FEET FROM 6.86/41694 TO 5.99/36384 AND MRA FROM 2700 TO 2300; CHANGED SPA VORTAC MAG/TRUE FROM 255.45/253.45 TO 252.82/250.82, DIST FROM FAC NM FROM 11.79 TO 12.47, MRA FROM 2700 TO 2300 AND MAA FROM 17500 TO 5400.
ESV: DELETED GRD 001/D44/35/175.
REMARKS: ADDED "NAME CHANGED FROM LYMEN OM TO LYMEN" AND "GREER (FAC 1) AND SPARTANBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES"; DELETED "COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE LYMEN OM" AND "ACTUAL FACILITY LOCATION IS 345838.75N/0820923.40W".

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

INFORMATION ONLY

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

INFORMATION ONLY

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.

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