

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
LEYGI (IAF)	OYALE (FB)	088.77 / 10.00	2000	LP: RW36 LNAV: RW36	
PABLY (IAF)	OYALE (FB)	268.95 / 10.00	2000	CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 DIRECT BOLOS AND HOLD.	
OYALE (IF)	WUTAM (FB)	358.86 / 7.00	1800		
WUTAM (FAF)	KULLE/2.70 NM TO RW36 (FB)	358.86 / 2.80		ADDITIONAL FLIGHT DATA: HOLD NE, RT, 237.90 INBOUND. CHART FAS OBST: 128 BLDG 291455N/0945130W CHART FAS OBST: 148 TOWER 291502N/0945119W WAAS CHANNEL # 48831 REFERENCE PATH ID: W36A WUTAM TO RW36: 3.00/45. LTP HAE: -25.2 M	
KULLE/2.70 NM TO RW36	RW36 (MAP) (FO)	358.86 / 2.70			
RW36 (MAP)	800 MSL	358.86	800		
800 MSL	BOLOS (FO)		2000		

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT OYALE
3. FAC: 358.86 FAF: WUTAM DIST FAF TO MAP: 5.50 THLD: 5.50
4. MIN. ALT: OYALE 2000, WUTAM 1800, KULLE/2.70 NM TO RW36 900
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: GS ALT AT: OM: MM: IM:
7. GS ANGLE: TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW36 3100

MAG VAR: 2E EPOCH YEAR: 2015

MINIMUMS															
TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		STANDARD @						
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	440	1	435	440	1	435	440	1 1/4	435	440	1 1/4	435	440	1 1/4	435
LNAV MDA	460	1	455	460	1	455	460	1 3/8	455	460	1 3/8	455	460	1 3/8	455
CIRCLING	500	1	494	500	1	494	500	1 1/2	494	560	2	554	620	2 1/4	614

NOTES:
 CHART NOTE: WHEN VGS1 INOP, STRAIGHT-IN/CIRCLING RWY 36 PROCEDURE NA AT NIGHT.
 CHART NOTE: CIRCLING NA E OF RWY 18 AND NE OF RWY 32.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 (SEE FORM 8260-10)

@ CAT E 800-2 1/4



CITY AND STATE GALVESTON, TX	ELEVATION: 6 THRE: 5 AIRPORT NAME: SCHOLES INTL AT GALVESTON	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1	SUP: RNAV (GPS) RWY 35 AMDT: ORIG DATED 09/28/2006
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NOTES, (CONT.):
 CHART PLANVIEW NOTE: RADAR REQUIRED.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLIAM P HOBBY ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET. INCREASE LP CAT C/D/E VISIBILITY TO 1 3/8 MILE, LNAV CAT C/D/E VISIBILITY TO 1 1/2 MILE, AND CIRCLING CAT E VISIBILITY TO 2 1/2 MILE.



CITY AND STATE GALVESTON, TX	ELEVATION: 6 THRE: 5	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1	SUP: RNAV (GPS) RWY 35
	AIRPORT NAME: SCHOLES INTL AT GALVESTON			AMDT: ORIG
				DATED: 09/28/2006

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE				
COORDINATED WITH:						
<input type="checkbox"/> ATA	<input type="checkbox"/> AAT	<input type="checkbox"/> ALPA	<input type="checkbox"/> APA	<input type="checkbox"/> AOPA	<input type="checkbox"/> NBAA	<input type="checkbox"/> OTHER (specify) _____
FLIGHT CHECKED BY						
NAME:					FIFO	DATE:
DEVELOPED BY						
NAME:					FIFO	DATE:
APPROVED BY						
NAME:					FIFO	DATE:
CHANGES: CHANGES CONT. 15. VDA CHANGED FROM 3.05/49 TO 3.00/45 16. DELETED "IF LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA" NOTE 17. ADDED NIGHT TIME SI AND CIRCLING RESTRICTION 18. ADDED BACK UP ALTIMETER NOTE						
REASONS:						

QUALITY
 2
 CHECKED

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGLS
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	291525.2105N
LTP/FTP LONGITUDE	0945133.6650W
LTP/FTP ELLIPSOIDAL HEIGHT	-00252
FPAP LATITUDE	291654.5200N
FPAP LONGITUDE	0945132.1400W
THRESHOLD CROSSING HEIGHT (TCH)	00044.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
 <u>CRC REMAINDER</u>	 710E92D9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00014
FPAP ORTHOMETRIC HEIGHT	+00014



CITY AND STATE GALVESTON, TX	ELEVATION: 6 THRE: 5	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1	SUP: RNAV (GPS) RWY 35
	AIRPORT NAME: SCHOLES INTL AT GALVESTON			AMDT: ORIG
				DATED: 09/28/2006

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE							
COORDINATED WITH: <table style="width: 100%; border: none;"> <tr> <td style="text-align: center; padding: 2px;">ATA <input type="checkbox"/></td> <td style="text-align: center; padding: 2px;">AAT <input type="checkbox"/></td> <td style="text-align: center; padding: 2px;">ALPA <input type="checkbox"/></td> <td style="text-align: center; padding: 2px;">APA <input type="checkbox"/></td> <td style="text-align: center; padding: 2px;">AOPA <input type="checkbox"/></td> <td style="text-align: center; padding: 2px;">NBAA <input type="checkbox"/></td> <td style="text-align: center; padding: 2px;">OTHER (specify) <input type="checkbox"/> _____</td> </tr> </table>			ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	NBAA <input type="checkbox"/>	OTHER (specify) <input type="checkbox"/> _____
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FLIGHT CHECKED BY									
NAME:	FIFO	DATE:							
DEVELOPED BY									
NAME:	FIFO	DATE:							
APPROVED BY									
NAME:	FIFO	DATE:							
CHANGES:									
REASONS:									

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE				
COORDINATED WITH:						
<input type="checkbox"/> ATA	<input type="checkbox"/> AAT	<input type="checkbox"/> ALPA	<input type="checkbox"/> APA	<input type="checkbox"/> AOPA	<input type="checkbox"/> NBAA	<input type="checkbox"/> OTHER (specify) _____
FLIGHT CHECKED BY						
NAME:					FIFO	DATE:
DEVELOPED BY						
NAME:					NFPG	DATE:
APPROVED BY						
NAME:					NFPG	DATE:
CHANGES:						
REASONS:						

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
 FLIGHT STANDARDS SERVICES - FAR PART 97.33

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SUSAP KGLSK4SRW36 K4PG

0 18018003125

M



CITY AND STATE GALVESTON, TX	ELEVATION: 6	THRE: 5	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1	SUP: RNAV (GPS) RWY 35
	AIRPORT NAME: SCHOLES INTL AT GALVESTON				AMDT: ORIG
					DATED: 09/28/2006

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
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COORDINATED WITH: <input type="checkbox"/> ATA <input type="checkbox"/> AAT <input type="checkbox"/> ALPA <input type="checkbox"/> APA <input type="checkbox"/> AOPA <input type="checkbox"/> NBAA <input type="checkbox"/> OTHER (specify) _____
--

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	NFPG	DATE:

APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	LEYGI	LEYGI	010	IAP	IF		FB					
	LEYGI	OYALE	020		TF		FB	1.0	088.8 (090.8T)	010.0	AA 02000	
	PABLY	PABLY	010	IAP	IF		FB					
	PABLY	OYALE	020		TF		FB	1.0	269.0 (271.0T)	010.0	AA 02000	
		OYALE	010	FACF	IF		FB				AA 02000	
		WUTAM	020	FAF	TF		FB	0.5	358.9 (000.9T)	007.0	AA 01800	
		KULLE	021	SDF	TF		FB	0.3	358.9 (000.9T)	002.8	AA 00900	GS 00909
		RW36	030	MAP	TF		FO	0.3	358.9 (000.9T)	002.7	AT 00049	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		358.9 (000.9T)		AA 00800	
	BOLOS	050		DF	R	FO				AA 02000	
	BOLOS	060		HM	R	FO		237.9 (239.9T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOLOS	N292335.04	W0943724.76	N2923.584	W09437.413
	KULLE	N291242.82	W0945136.45	N2912.714	W09451.608
	LEYGI	N290301.93	W0950311.01	N2903.032	W09503.184
	OYALE	N290253.39	W0945146.51	N2902.890	W09451.775
	PABLY	N290243.88	W0944022.04	N2902.731	W09440.367
	WUTAM	N290954.58	W0945139.32	N2909.910	W09451.655
	RW36	N291525.21	W0945133.67	N2915.420	W09451.561

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00005	45

QUALITY
2
CHECKED

CITY AND STATE GALVESTON, TX	ELEVATION: 6 THRE: 5	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1	SUP: RNAV (GPS) RWY 35
	AIRPORT NAME: SCHOLLES INTL AT GALVESTON			AMDT: ORIG
				DATED: 09/28/2006

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.			
INITIAL	LEYGI	OYALE	1. BOAT	290259.00N/0945653.00W	50 (2C)	1000	AT950	2000			
			2. WATER	290636.00N/0945554.00W	0 (0)		AS1500	1500			
INITIAL	PABLY	OYALE	3. BOAT	290249.00N/0944553.00W	50 (2C)	1000	AT950	2000			
			4. WATER	290630.00N/0944730.00W	0 (0)		AS1500	1500			
INTERMEDIATE	OYALE	WUTAM	5. BOAT	290824.19N/0945140.87W	50 (2C)	500	AT1250	1800			
			6. WATER	290954.00N/0945227.00W	0 (0)		AS1500	1500			
FINAL: LP	WUTAM	KULLE/2.70 NM TO RW36	7. AAO	291209.00N/0945206.00W	200 (2C)	250	RA79 DG371	900			
FINAL: LP STEPDOWN	KULLE/2.70 NM TO RW36	RW36	8. BLDG (48-014470)	291454.90N/0945130.36W	128 (5D)	250	AC50	440			
FINAL: LNAV	WUTAM	KULLE/2.70 NM TO RW36	9. AAO	291209.00N/0945057.00W	200 (2C)	250	RA79 DG371	900			
FINAL: LNAV STEPDOWN	KULLE/2.70 NM TO RW36	RW36	10. TOWER (48-011943)	291502.00N/0945119.00W	148 (5D)	250	AC50	460			
2. PROCEDURE TURN	NA										
3. MISSED APPROACH	MAP:	RW36 / RW36	BOLOS			ASC		2000			
				11. TOWER (48-002593)	292349.26N/0944414.34W	560 (2B)	1000	1600			
	ELEV:	340/360		12. TERRAIN	291857.00N/0944806.00W	27 (0)	1500	1500			
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	494	10. TOWER (48-011943)	291502.00N/0945119.00W	148 (5D)	300	AC50	500
CATEGORY B	1.5 NM		450		494	10. TOWER (48-011943)	291502.00N/0945119.00W	148 (5D)	300	AC50	500
CATEGORY C	1.7 NM		450		494	10. TOWER (48-011943)	291502.00N/0945119.00W	148 (5D)	300	AC50	500
CATEGORY D	2.3 NM		550		554	13. BRIDGE (48-005786)	291750.00N/0945309.00W	169 (5D)	300	HAA	560
CATEGORY E	4.5 NM		550		614	14. TOWER (48-001949)	291405.00N/0945416.00W	255 (5D)	300	AC50	620
5. MINIMUM SAFE ALTITUDES				PRIMARY NAVAID: RW36							
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A		
360-360	TWR (48-005320)	274/ 19.6	2017 (3C)	3100							
CITY AND STATE		ELEVATION: 6		FACILITY		PROCEDURE AND AMENDMENT NO:			REGION		
GALVESTON, TX		AIRPORT NAME: SCHOLES INTL AT GALVESTON		RNAV		RNAV (GPS) RWY 36, AMDT 1			ASW		

PART B - SUPPLEMENTAL DATA										
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING				
GLS TOWER HOU APP CON ZHU ARTCC				NWS	OTHER: ASOS		SOURCE:KGLS / KHOU			
				FAA			DISTANCE: 0 / 31.59			
				A/C			HOURS REMOTE OPERATION: 24 / 24			
SATISFACTORY ON:										
X	VHF		X	UHF			HF	LOCATION: KGLS		ADJUSTMENT: 0 / 79
4. MONITOR STATUS	PRIMARY NAVAID:									
	MONITOR POINT:									
	HRS OPTN:	CAT 1		CAT 3						
5. APPROACH & RUNWAY LIGHTING		ALS								
		(S) SALS								
	X	MALSR 14 (PCL)								
	X	HIRL 14, 32								
	X	MIRL 18 (PCL), 36								
	X	REIL 18, 36, 32								
		TDZ								
	C/LINE									
X	OTHER (SPECIFY) PAPI-4L 18, 36, 14, 32									
6. RUNWAY MARKINGS		BASIC								
		ALL WEATHER		PIR-G 14, 32						
		INSTRUMENT		NPI-G 18, 36						
7. RUNWAY VISUAL RANGE		APPROACH								
		MIDFIELD								
		ROLL OUT								
8. GLIDE PATH		GP ANGLE:					ELEV RWY THRESHOLD:			
		DISTANCE FROM RWY:					ELEV GP ANTENNA:			
		THRESHOLD CROSSING HEIGHT:								
9. FINAL APPROACH COURSE AIMING		X	RUNWAY THRESHOLD					FT. FROM THRESHOLD		
		X	ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS: NONE										
PART D - PREPARED BY: JILL OLSON (BRIAN BERUBEE)						DATE: 08/20/2012				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-353				

PART C - REMARKS:
VDP NOT ESTABLISHED - 20:1 VISUAL SURFACE PENETRATED.
PARA 251, 20:1 PENETRATION.
PARA 251, 34:1 PENETRATION.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
RASS PRESSURE PATTERNS SAME
KGLS 6, KHOU 46
RA = 78.36.
SEE ATTACHED AIRSPACE LETTER.
40' VEGETATION APPLIED PER FPT
30' BOAT HEIGHT USED IN BAY, 50' BOAT HEIGHT USED IN GULF PER PREVIOUS AMDT
KGLS ASOS ON SVC A
KHOU ASOS ON SVC A
RASS ADJUSTMENT ROUNDED UP TO 80 FEET AND PUBLISHED BY NOTE
VGSI DATA: 3.00/44.8
MISSED APPROACH SEGMENT DEVELOPED USING IPDS. A 20 DEGREE BA WAS USED DURING THE DEVELOPMENT OF THE MISSED APPROACH SEGMENT.
TERPS VOL 1, VISUAL PORTION OF FINAL PENETRATIONS
20:1
12' FENCE (KGLS0018) 291521.90N/0945136.92W (0.47)
34:1
128' BLDG (48-014470) 291454.90N/0945130.36W (39.41)
65' POLE (48-005779) 291505.00N/0945135.00W (6.22)
62' POLE (KGLS0019) 291505.03N/0941534.86W (3.31)
FPT NOTIFIED OF PENETRATIONS

QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BOLOS STATE: TX COUNTRY: US

LATITUDE/LONGITUDE: 292335.04N/0943724.76W 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	SCHOLES	VUH	VORTAC	H	053.90	059.90	14.79	14.79		2000	17500
2	HOBBY	HUB	VOR/DME	H	109.53	114.53	37.62	37.62		2000	17500

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING DME	ALTITUDES MIN	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE		WP	057.90	237.90	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-011193)	292805.38N/0943700.23W	315	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
SCHOLES (FAC 1) AND HOBBY (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V70-556	1, 2				(US)
IAP	RNAV (GPS) RWY 36		1	KGLS	GALVESTON	TX (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 DATE OF REVISION: 01/10/2013

REASON FOR REVISION:

ADDED WP TO FIX TYPE
ADDED DIST FROM FAC 1 & 2
CHANGED HOLDING PATTERN INBOUND COURSE FROM 233.90 TO 237.90
UPDATED HOLDING PATTERN OBSTACLE
CHANGED PAT 1 DME LEG LENGTH FROM 5 TO 4
UPDATED FIX USE
UPDATED REQUIRED CHARTING

DEVELOPED BY: DATE: 08/09/2012 OFFICE: AJV-353 NAME: JILL OLSON (BRIAN BERUBEE)

APPROVED BY: DATE: OFFICE: AJV-353 NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: KULLE

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 291242.82N/0945136.45W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 36

FAC PAT

AIRPORT IDENT
KGLS

CITY
GALVESTON

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/10/2013

DEVELOPED BY:

DATE: 08/09/2012

OFFICE: AJV-353

NAME: JILL OLSON (BRIAN BERUBEE)

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON, GLS ATCT
OTHER:

QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LEYGI

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 290301.93N/0950311.01W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

RETAINED FIX NAME AT ATC REQUEST DUE TO OPERATIONAL NECESSITY

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 36

FAC

PAT

AIRPORT IDENT
KGLS

CITY
GALVESTON

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/10/2013

REASON FOR REVISION:

REPOSITIONED FIX 5 NM WEST
DELETED FAC 1 AND ASSOCIATED DATA
UPDATED FIX USE

DEVELOPED BY:

DATE: 08/09/2012

OFFICE: AJV-353

NAME: JILL OLSON (BRIAN BERUBEE)

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: OYALE

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 290253.39N/0945146.51W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP

RNAV (GPS) RWY 36

KGLS

GALVESTON

TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/10/2013

REASON FOR REVISION:

REPOSITIONED FIX 2431 FT SOUTH
DELETED FAC 1 AND ASSOCIATED DATA
UPDATED FIX USE

DEVELOPED BY:

DATE: 08/09/2012

OFFICE: AJV-353

NAME: JILL OLSON (BRIAN BERUBEE)

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZHU

ATC FACILITY: HOU APP CON

OTHER:

QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PABLY

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 290243.88N/0944022.04W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

RETAINED FIX NAME AT ATC REQUEST DUE TO OPERATIONAL NECESSITY

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 36

FAC PAT

AIRPORT IDENT
KGLS

CITY
GALVESTON

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/10/2013

REASON FOR REVISION:

REPOSITIONED FIX 5 NM EAST
DELETED FAC 1 AND ASSOCIATED DATA
UPDATED FIX USE

DEVELOPED BY:

DATE: 08/09/2012

OFFICE: AJV-353

NAME: JILL OLSON (BRIAN BERUBEE)

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON, GLS ATCT
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: WUTAM

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 290954.58N/0945139.32W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 36

FAC PAT

AIRPORT IDENT
KGLS

CITY
GALVESTON

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/10/2013

REASON FOR REVISION:

REPOSITIONED FIX 3094 FT NORTH
DELETED FAC 1 AND ASSOCIATED DATA
UPDATED FIX USE

DEVELOPED BY: DATE: 08/09/2012

OFFICE: AJV-353

NAME: JILL OLSON (BRIAN BERUBEE)

APPROVED BY: DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON, GLS ATCT
OTHER:



TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: GALVESTON

STATE: TX

AIRPORT NAME: SCHOLLES INTL AT GALVESTON

ID: KGLS

PROCEDURE: RNAV (GPS) RWY 36

AMDT: 1

DOCKET # :

(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from THLD to 1000' point 2.83
(Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of FINAL segment at 1000' point 1.20
(Enter appropriate segment , final, intermediate, etc.)
3. True Course of FINAL segment containing 1000' point 360.86
4. High Terrain in FINAL segment containing 1000' point 20
5. Distance from THLD to 1500' point 4.90
(If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of FINAL segment at 1500' point 1.71
7. True Course of FINAL segment containing 1500' point 360.86
8. High Terrain in FINAL segment containing 1500' point 20
9. Threshold Coordinates (if straight-in) ... 291525.21N / 0945133.67W
10. ARP Coordinates 291555.20N / 0945137.50W
11. Runway Approach End and distance furthest from ARP.....RWY 14

Distance .54 NM
12. FAF Coordinates 290954.58N / 0945139.32W
(Click to Select)

REMARKS: Approach/Drawing attached.

RADIO FIX AND HOLDING DATA RECORD

NAME: JUPID

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 292126.08N/0945127.55W

TYPE: WP

CANCELLED

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1 KGLS R35					000.85	6.00				17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	SCHOLES INTL AT GALVESTON - RNAV (GPS) RWY 35			KGLS	GALVESTON	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/10/2013

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: FTW
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:

QUALITY
2
CHECKED



Federal Aviation Administration

Memorandum

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Larry Strout, Manager, Terminal Procedures & Charting Services, Central Team, AJV-353

Subject: **ACTION:** Magnetic Variation Change

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility' column will be revised effective concurrent with the publication of the procedure(s) listed below.

- ILS OR LOC RWY 14, AMDT 12
- RNAV (GPS) RWY 14, AMDT 1
- RNAV (GPS) RWY 18, AMDT 2
- RNAV (GPS) RWY 32, AMDT 1
- RNAV (GPS) RWY 36, AMDT 1
- VOR RWY 14, AMDT 4

Estimated Chart Date: 01/10/2013

Runway Numbers are affected with the airport rotation; 13/31 change to 14/32 and 17/35 change to 18/36.

Please publish these changes in the National Flight Data Digest.

TEXAS

<u>Location</u>	<u>Name</u>	<u>Airport /Facility</u>	<u>Identifier</u>	<u>Assigned Magnetic Variation Value</u>	<u>Epoch Year</u>
Galveston	Scholes Intl at Galveston	Airport	KGLS / GLS	Old 6 ° East New 2 ° East	2015
Galveston		ILS	GLS	Old 6 ° East New 2 ° East	2015

If you have any questions please notify Larry H. Strout, larry.h.strout@faa.gov (405) 954-5070

CONCURRENCES
ROUTING SYMBOL AJV-34 SBaker
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-353 JOlson
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-353 LStrout
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-341 JAlfonso
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE
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INITIALS/SIG
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INITIALS/SIG
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