

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	
SUXOE (IAF)	NUCIB (FB)	237.60 / 7.63	2500	LPV: DA LNAV/VNAV: DA LNAV: RW15
GASEC (IAF)	NUCIB (FB)	058.63 / 8.78	2500	
NUCIB (IF)	WAVIB (FB)	147.60 / 5.75	2000	CLIMB TO 2000 DIRECT WOTPO AND HOLD.
WAVIB (FAF)	KUNIW/1.90 NM TO RW15 (FB)	147.63 / 3.13		
KUNIW/1.90 NM TO RW15	RW15 (MAP) (FO)	147.64 / 1.90		
RW15 (MAP)	632 MSL	147.64		ADDITIONAL FLIGHT DATA: HOLD SE, RT, 327.70 INBOUND. CHART FAS OBST: 445 T-L TWR 304247N/0962035W DISTANCE TO THLD FROM 275 HATH: 0.74 NM. WAAS CHANNEL # 69403 REFERENCE PATH ID: W15A CHART COLLEGE STATION ASOS. LTP HAE: 82.3 M
632 MSL	WOTPO (FO)		2000	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT NUCIB
3. FAC: 147.63 FAF: WAVIB DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: NUCIB 2500, WAVIB 2000, KUNIW/1.90 NM TO RW15 1000*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2000 GS ALT AT: WAVIB 2000 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW15 3000

MAG VAR: 4E EPOCH YEAR: 2010

MINIMUMS															
TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		X						
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
LPV DA	632	1	275	632	1	275		NA			NA				
LNAV/VNAV DA	632	1	275	632	1	275		NA			NA				
LNAV MDA	720	1	363	720	1	363		NA			NA				
CIRCLING	780	1	413	820	1	453		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
(SEE FORM 8260-10)

CITY AND STATE BRYAN, TX	ELEVATION: 367	THRE: 357	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1	SUP:
	AIRPORT NAME: COULTER FIELD				AMDT: ORIG-A
					DATED 07/01/2010



ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE <p style="text-align: center;">ROUTINE</p>
--	---------------------------	--

COORDINATED WITH:						
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	NBAA <input checked="" type="checkbox"/>	OTHER (specify) <input checked="" type="checkbox"/> ZHU, AMGR, HOU APP CON

FLIGHT CHECKED BY

NAME: JAMES MICHAEL HAWLEY	FIFO FIOG	DATE: 08/02/2012
----------------------------	--------------	---------------------

DEVELOPED BY

NAME: JILL OLSON (MARK BURTZ)	FIFO AJV-353	DATE: 06/01/2012
-------------------------------	-----------------	---------------------

APPROVED BY

NAME: LARRY H STROUT <p style="text-align: right;">MANAGER</p>	FIFO AJV-353	DATE:
---	-----------------	-------

CHANGES:

1. UPDATED COURSE FROM SUXOE TO NUCIB FROM 238.92 TO 237.60.
2. UPDATED COURSE FROM GASEC TO NUCIB FROM 57.48 TO 58.63.
3. UPDATED DISTANCE FROM NUCIB TO WAVIB FROM 6.00 TO 5.75.
4. INCREASED ALTITUDE FOR SUXOE AND GASEC INITIALS FROM 2100 TO 2500.
5. UPATED FAS OBST, REMOVED CHART WAAS SYMBOL, REMOVED CHART POWERLINES IN ADDITIONAL FLIGHT DATA BLOCK.
6. UPDATED DISTANCE TO THLD FROM 275 HAT FROM 0.75NM TO 0.74NM.
7. REMOVED HIL.
8. INCREASED FAF TO MAP DISTANCE FROM 4.96 TO 5.03.
9. ADDED STEPDOWN FIX.
10. ADDED MSA/REMOVED TAA.
11. LOWERED LPV DA FROM 636 TO 632.
12. LOWERED LNAV/VNAV DA FROM 707 TO 632 AND VIS FROM 1 1/4 TO 1 AND HAT FROM 346 TO 275.
13. ADDED PROCEDURE NA FOR ARRIVALS NOTE.
14. CHANGED HOLDING AT WOTPO FROM 5NM TO 4NM.

SEE 8260-10

REASONS:

- 1,2. NUCIB MOVED TO ALLOW GASEC INITIAL.
3. NUCIB MOVED IN TO ALLOW GASEC INITIAL, AND WAVIB MOVED OUT TO PFAF LOCATION.
- 4,7,10. FPT REQUEST.
- 5,6,8. PER CURRENT EVALUATION/OBSTACLE SURVEY.
9. TO MAINTAIN CURRENT MINIMA.
- 11,12. PER CURRENT EVALUATION/USE THRE FOR HAT/PER CURRENT VISIBILITY TABLE.
- 13, 15,16. CRITERIA.

PDF EDITS:

ADDED (FAF) ON TERMINAL ROUTES FOR WAVIB.
 REMOVED 1000* FROM TERMINAL ROUTES ALTITUDE FOR WAVIB.
 CHANGED ALTITUDE FOR MISSED APPROACH IN TERMINAL ROUTES FROM 632 TO 2000.
 REMOVED NA FROM LINE 1.
 REMOVED 020 AND 2.0 FROM MISSED APPROACH ARINC CODING.

SEE 8260-10

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.

NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

*LNAV ONLY

CHART NOTE: USE COLLEGE STATION ALTIMETER SETTING; WHEN NOT RECEIVED, USE CALDWELL ALTIMETER SETTING AND INCREASE ALL DA 31 FEET AND ALL MDA 40 FEET.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GASEC ON V15 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUXOE ON V369 NORTHWEST BOUND.



CITY AND STATE BRYAN, TX	ELEVATION: 367 AIRPORT NAME: COULTER FIELD	THRE: 357	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1	SUP:
					AMDT: ORIG-A
					DATED: 07/01/2010

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
---	---------------------------	-------------------------

COORDINATED WITH:						
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"/>

FLIGHT CHECKED BY

NAME:	FIFO	DATE:
-------	------	-------

DEVELOPED BY

NAME:	FIFO	DATE:
-------	------	-------

APPROVED BY

NAME:	FIFO	DATE:
-------	------	-------

CHANGES:
CHANGES CONT.
15. CHANGED LNAV HAT FROM 359 TO HATH 363.

REASONS:

REASONS CONT.
ADDED 56 FT RASS ADJUSTMENT TO -9 PART B BLOCK 3.

8/7/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 6/1/12.
ADDED NOTE RADAR REQUIRED.

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCFD
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	304313.8970N
LTP/FTP LONGITUDE	0962003.7420W
LTP/FTP ELLIPSOIDAL HEIGHT	+00823
FPAP LATITUDE	304155.3000N
FPAP LONGITUDE	0961914.6700W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER FFD2C4EA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01089
FPAP ORTHOMETRIC HEIGHT	+01089

QUALITY
CHECKED

CITY AND STATE BRYAN, TX	ELEVATION: 367 THRE: 357	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1	SUP:
	AIRPORT NAME: COULTER FIELD			AMDT: ORIG-A
				DATED: 07/01/2010

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:		
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

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.

SUSAP KCFDK4SRW15 K4PG

0 18018003025

M



CITY AND STATE BRYAN, TX	ELEVATION: 367 THRE: 357 AIRPORT NAME: COULTER FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1	SUP:
				AMDT: ORIG-A
				DATED: 07/01/2010

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:	NFBG	DATE:

APPROVED BY		
NAME:	NFBG	DATE:

CHANGES:

REASONS:



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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GASEC	GASEC	010	IAF	IF		FB					
	GASEC	NUCIB	020		TF		FB	1.0	058.6 (062.6T)	008.8	AA 02500	
	SUXOE	SUXOE	010	IAF	IF		FB					
	SUXOE	NUCIB	020		TF		FB	1.0	237.6 (241.6T)	007.6	AA 02500	
		NUCIB	010	FACE	IF		FB				AA 02500	
		WAVIB	020	FAF	TF		FB	0.5	147.6 (151.6T)	005.8	AA 02000	
		KUNIW	021	SDF	TF		FB	0.3	147.6 (151.6T)	003.1	AA 01000	GS 01002
		RW15	030	MAP	TF		FO	0.3	147.6 (151.6T)	001.9	AT 00397	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		147.6 (151.6T)		AA 00632	
	WOTPO	050		DF		FO				AA 02000	
	WOTPO	060		HM	R	FO		327.7 (331.7T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GASEC	N304842.04	W0963504.75	N3048.701	W09635.079
	KUNIW	N304454.45	W0962106.56	N3044.908	W09621.109
	NUCIB	N305244.61	W0962600.85	N3052.744	W09626.014
	SUXOE	N305623.00	W0961813.06	N3056.383	W09618.218
	WAVIB	N304740.24	W0962250.23	N3047.671	W09622.837
	WOTPO	N303300.32	W0961341.26	N3033.005	W09613.688
	RW15	N304313.90	W0962003.74	N3043.232	W09620.062

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	00357	40



CITY AND STATE BRYAN, TX	ELEVATION: 367 THRE: 357	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: COULTER FIELD	RNAV	RNAV (GPS) RWY 15, AMDT 1	AMDT: ORIG-A
				DATED: 07/01/2010

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
---	---------------------------	-------------------------

COORDINATED WITH:						
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"/> _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	NFPG	DATE:

APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

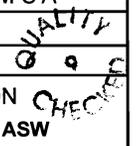
REASONS:



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	SUXOE	NUCIB	1. AAO	305439.00N/0962648.00W	689 (4E)	1000	AT811	2500				
			2. TERRAIN	305439.00N/0962648.00W	489 (500)	AS1500	2000					
INITIAL	GASEC	NUCIB	3. AAO	305321.00N/0962939.00W	689 (4E)	1000	AT811	2500				
			4. TERRAIN	305321.00N/0962939.00W	489 (500)	AS1500	2000					
INTERMEDIATE	NUCIB	WAVIB	5. AAO	305436.00N/0962627.00W	670 (4E)	500		1200				
			6. TERRAIN	305224.00N/0962545.00W	466 (500)	AS1500	2000					
INTERMEDIATE	NUCIB	WAVIB	7. AAO	305354.00N/0962757.00W	689 (4E)	500		1200				
			8. TERRAIN	305315.00N/0962812.00W	473 (500)	AS1500	2000					
FINAL: LPV	WAVIB	RW15	9. T-L TWR (48-014117)	304318.91N/0962012.25W	381 (1A)	34:1	RA25	632/275				
FINAL: LNAV/VNAV	WAVIB	RW15				ASC	RA25	632/275				
FINAL: LNAV	WAVIB	KUNIW/1.90 NM TO RW15	10. AAO	304720.72N/0962410.62W	599 (2C)	250	RA56 DG95	1000				
FINAL: LNAV STEPDOWN	KUNIW/1.90 NM TO RW15	RW15	11. T-L TWR (48-023605)	304246.86N/0962035.23W	445 (2C)	250	RA25	720				
2. PROCEDURE TURN		NA										
3. MISSED APPROACH	MAP:	DA / DA / RW15	WOTPO			ASC		2000				
	ELEV:	434/490/595		12. TOWER (48-003867)	303935.74N/0961656.01W	906 (5D)	1000	2000				
				13. TERRAIN	304312.00N/0962009.00W	361 (400)		AS1500	1900			
4. CIRCLING AREA		DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	413	11. T-L TWR (48-023605)	304246.86N/0962035.23W	445 (2C)	300	RA25	780	
CATEGORY B	1.5 NM		450		453	11. T-L TWR (48-023605)	304246.86N/0962035.23W	445 (2C)	300		HAA	820
CATEGORY C	1.7 NM		450									
CATEGORY D	2.3 NM		550									
CATEGORY E	4.5 NM		550									
5. MINIMUM SAFE ALTITUDES					PRIMARY NAVAID: RW15							
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A			
360-360	TWR (48-004538)	118/ 18.6	1982 (5D)	3000								
CITY AND STATE		ELEVATION: 367		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION				
BRYAN, TX		AIRPORT NAME: COULTER FIELD		RNAV		RNAV (GPS) RWY 15, AMDT 1		ASW				



PART B - SUPPLEMENTAL DATA										
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE				3. ALTIMETER SETTING			
HOU APP CON CXO FSS			N W S		OTHER: ASOS		SOURCE:KCLL / KRWW			
			F A A				DISTANCE: 7.79 / 22.72			
			A / C				HOURS REMOTE OPERATION: 24 / BACKUP			
SATISFACTORY ON:			LOCATION: KCLL				ADJUSTMENT: 25 / 56			
X	V	H	F	X	U	H	F	H	F	
4. MONITOR STATUS	PRIMARY NAVAID:									
	MONITOR POINT:									
	HRS OPTN:		CAT 1		CAT 3					
5. APPROACH & RUNWAY LIGHTING	ALS									
	(S) SALS									
	MALS									
	HIRL									
	X	MIRL 33 (PCL), 15 (PCL)								
	X	REIL 33, 15								
		TDZ								
	C/LINE									
X	OTHER (SPECIFY) PAPI-2L 33, 15									
6. RUNWAY MARKINGS		BASIC								
		ALL WEATHER								
		INSTRUMENT NPI-G 33, 15								
7. RUNWAY VISUAL RANGE		APPROACH								
		MIDFIELD								
		ROLL OUT								
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD: 357.2				
		DISTANCE FROM RWY:				ELEV GP ANTENNA:				
		THRESHOLD CROSSING HEIGHT: 40.0								
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 (MARK BURTZ)						DATE: 06/01/2012				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-353				

PART C - REMARKS:
ACTUAL HIGH TEMP: 150C (302F)
VDP NOT ESTABLISHED - FULL TIME REMOTE ALTIMETER.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
VGSi DATA: 3.50/25.1
LPV SLOPE: 34:1
LNAV/VNAV SLOPE: 23.4:1
KCLL ASOS AND KRWW AWOS-3 ON SERVICE A.
CAT A/B MINIMUMS ONLY PER FPO.
RASS PRESSURE PATTERNS SAME
KCFD 367
KCLL 320, RA 24.4
KRWW 391, RA 55.6
TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS:
RWY 33, 34:1:
374 TREE (KCFDT005) 304320.93N/0962005.11W (2.64)
379 T-L TWR (48-014116) 304320.72N/0962010.69W (1.38)
SEE ATTACHED AIRSPACE LETTER.
INTERMEDIATE OBST & TERRAIN THE SAME FOR ALL FINAL
TYPES.
AVERAGE COLD TEMPERATURE BASED ON STANDARD -30C ISA
DEVIATION. HISTORICAL TEMPERATURE DATA NOT AVAILABLE.
40 FT VEGETATION USED PER FPT.

QUALITY
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GASEC

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 304842.04N/0963504.75W

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	COLLEGE STATION	CLL	VORTAC	L	317.61	325.61	15.00	15.00		2200	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V-15	1				(US)
IAP	RNAV (GPS) RWY 15			KCFD	BRYAN	TX (US)
IAP	VOR OR TACAN RWY 10	1		KCLL	COLLEGE STATION	TX (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/15/2012

REASON FOR REVISION:

REMOVED FAC 2.
UPDATED FIX USE.

DEVELOPED BY: DATE: 05/24/2012 OFFICE: AJV-353 NAME: JILL OLSON (MARK BURTZ)

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

SIGNATURE:

DISTRIBUTION:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: KUNIW

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 304454.45N/0962106.56W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP

RNAV (GPS) RWY 15

KCFD

BRYAN

TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/15/2012

DEVELOPED BY:

DATE: 05/25/2012

OFFICE: AJV-353

NAME: JILL OLSON (MARK BURTZ)

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZHU

ATC FACILITY: HOU APP CON

OTHER:

QUALITY
1
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NUCIB STATE: TX COUNTRY: US

LATITUDE/LONGITUDE: 305244.61N/0962600.85W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:		IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES		TEMPLATES	
PAT	DIR							MIN	MAX	MIN	MAX
1	NW		WP	327.60	147.60	R	4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:			COORDINATES	ELEVATION	ACCURACY CODE
PAT	AIRSPEED	OBSTRUCTION			
1	200	TOWER (48-023038)	305305.72N/0963229.63W	917	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 15			KCFD	BRYAN	TX (US)
IAP	RNAV (GPS) RWY 33		1	KCFD	BRYAN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 11/15/2012

REASON FOR REVISION:
 UPDATE LAT/LON.
 FIX MOVED .18 NM SOUTH.
 FAC 1 REMOVED.
 UPDATED HOLDING PAT 1 MINIMUM ALTITUDE.
 UPDATED PAT 1 CONTROLLING OBSTACLE.
 MOVED HOLDING LIMITED TO ESTABLISHED PATTERN FROM REMARKS TO HOLDING RESTRICTIONS.
 ADDED PRECIPITOUS TERRAIN REMARK.
 UPDATED FIX USE.

DEVELOPED BY: DATE: 05/24/2012 OFFICE: AJV-353 NAME: JILL OLSON (MARK BURTZ)

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: SUXOE

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 305623.00N/0961813.06W

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	NAVASOTA	TNV	VORTAC	H	334.01	342.01	41.00	41.00		2300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V-369	1		KCFD	BRYAN	(US)
IAP	RNAV (GPS) RWY 15					TX (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/15/2012

REASON FOR REVISION:

REMOVED FAC 2.
UPDATED FIX USE.

DEVELOPED BY: DATE: 05/24/2012 OFFICE: AJV-353 NAME: JILL OLSON (MARK BURTZ)

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: WAVIB

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 304740.24N/0962250.23W

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 15

FAC PAT AIRPORT IDENT CITY
KCFD BRYAN

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/15/2012

REASON FOR REVISION:

UPDATE LAT/LON.
MOVED FIX .07NM NW.
REMOVED FAC 1.
UPDATED FIX USE.

DEVELOPED BY: DATE: 05/25/2012

OFFICE: AJV-353

NAME: JILL OLSON (MARK BURTZ)

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: WOTPO

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 303300.32N/0961341.26W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SE		WP	147.70	327.70	R	4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-004913)	302830.96N/0961320.04W	659	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 15		1	KCFD	BRYAN	TX (US)
IAP	RNAV (GPS) RWY 33			KCFD	BRYAN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/15/2012

REASON FOR REVISION:

FAC 1 REMOVED.
HOLDING PAT 1 LENGTH AND CONTROLLING OBSTACLE UPDATED.
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED UNDER REMARKS.
MOVED HOLDING LIMITED TO ESTABLISHED PATTERN TO RESTRICTIONS.
UPDATED FIX USE.

DEVELOPED BY: DATE: 05/24/2012 OFFICE: AJV-353 NAME: JILL OLSON (MARK BURTZ)

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

SIGNATURE:

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



TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **BRYAN**

STATE: **TX**

AIRPORT NAME: **COULTER FIELD**

ID: **KCFD**

PROCEDURE: **RNAV (GPS) RWY 15**

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 **3.15**
(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 **151.63**
4. High Terrain in **FINAL** segment containing 1000' point **381**
5. Distance from **THLD** to 1500' point **4.83**
(If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.95**
7. True Course of **FINAL** segment containing 1500' point **151.63**
8. High Terrain in **FINAL** segment containing 1500' point **381**
9. Threshold Coordinates (if straight-in) ... **304313.90N / 0962003.74W**
10. ARP Coordinates **304256.50N / 0961952.90W**
11. Runway Approach End and distance furthest from ARP.....RWY **33**

Distance **0.33** NM
12. FAF Coordinates **304740.24N / 0962250.23W**
(Click to Select)

REMARKS: Approach/Drawing attached.