

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> EASTERWOOD FIELD	<u>AIRPORT ID</u> KCLL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> COLLEGE STATION	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 321	<u>TDZE</u> 314	<u>SUPERSEDED</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 3E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
CENIG	IAF	EDAYA		TF	FB	1.00	195.93	10.00	3000
DOSEC	IAF	EDAYA		TF	FB	1.00	015.87	10.00	3000
EDAYA	IF	WELBO		TF	FB	1.00	285.90	7.00	2000
WELBO	FAF	JULIR/1.60 NM TO RW29		TF	FB	0.30	285.84	3.53	
JULIR/1.60 NM TO RW29		RW29	MAP	TF	FO	0.30	285.83	1.60	
RW29	MAP	564 MSL		CA			285.83		
564 MSL		ICESO		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT ICESO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT EDAYA					
3. FAC:	285.84	FAF: WELBO	DIST FAF TO MAP: 5.13	DIST FAF TO THLD: 5.13	
4. MIN ALT: EDAYA 3000, WELBO 2000, JULIR/1.60 NM TO RW29 860*					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.62	GS ANT:
6. MIN GP INCPT: 2000	GP ALT AT FAF : WELBO 2000			OM:	MM: IM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 54.0		
8. MSA FROM: RW29 3000					

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING CALDWELL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3°C OR ABOVE 54°C.
*LNAV ONLY
CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART 557 ANTENNA 303314N/0961536W
CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED 230 KIAS.
CHART CIRCLING ICON.
WAAS CHANNEL #87022
REFERENCE PATH ID: W29A
CHART FAS OBST: 483 POLE 303513N/0961947W.
HOLD W, RT, 105.68 INBOUND
LTP HAE: 68.2 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4, CAT E 900-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	564	3/4	250	564	3/4	250	564	3/4	250	564	3/4	250	564	3/4	250
LNAV/VNAV DA	762	1 3/8	448	762	1 3/8	448	762	1 3/8	448	762	1 3/8	448	762	1 3/8	448
LNAV MDA	740	1	426	740	1	426	740	1 1/4	426	740	1 1/4	426	740	1 1/4	426
CIRCLING	860	1	539	880	1	559	1000	2	679	1180	2 3/4	859	1180	3	859



CHANGES - REASONS

1. PROC NAME REFERENCE RWY FROM 28 TO 29, ALL RWY 28 REFERENCES FROM 28 TO 29 - PER MVAR UPDATE.
2. REMOVED DME RNP NOTE - REPLACED WITH PBN REQ NOTE PER 19H.
3. CRC REMAINDER FROM D2B25EC6 TO 6170B143 - PER RWY DATA UPDATE.
4. ADDED 557 ANTENNA 303314.36N/0961535.76W TO AFD - PERM NEW OBS, PARA 289 7:1 APPLIED.
5. LNAV/VNAV DA FROM 754 TO 762, VIS FROM 1 1/4 TO 1 3/8 - SAME CONT AS PREV AMDT, LATEST EVAL REQUIRES DA ADJ.
6. ADDED CHART 557 ANTENNA 303314.36N/0961535.76W TO AFD - 7:1 OBS.
7. REMOVED CHART NOTE: RADAR REQUIRED - NO LONGER REQUIRED.
8. UPDATED HELI NOTE - TO REF RWY 29 VS 28.
9. UPDATED BARO VNAV NOTE - TO NOT USE FARENHIET VALUES.

1/8/19. THIS IS A CORRECTED COPY OF THE FORMS DEVELOPED ON 7/31/18.
REFERENCE PATH ID CHANGED FROM W28A TO W29A, AFFECTED CRC REMAINDER CHANGE FROM D2B25EC6 TO 6170B143.

4/18/19. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 1/17/19.
REPROCESSED FORMS TO GENERATE CORRECT PAGE NUMBERS.

COORDINATED WITH:

A4A☐ALPA☒AOPA☒APA☒HAI☐NBAA☒OTHER: ZHU, IAH APP CON, CLL ATCT, APT MGR, ST. AV. DIR., ATA

FLIGHT CHECKED BY
BRIAN DAVID HARRELSON

Digitally signed by
ALLAN WILL
Apr 22, 2019

OFFICE
FIOG
DATE
04/05/2019

DEVELOPED BY
PHILLIP BRANDENBURG

Digitally signed by
PHILLIP BRANDENBURG
Apr 18, 2019

Digitally signed by
ALLAN WILL
Apr 22, 2019

OFFICE
AJV-5412
DATE
07/31/2018

APPROVED BY
GEORGE DAVIS

OFFICE
AJV-5410

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCLL
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	303512.8555N
LTP/FTP LONGITUDE	0962126.1880W
LTP/FTP ELLIPSOIDAL HEIGHT	+00682
FPAP LATITUDE	303541.6200N
FPAP LONGITUDE	0962303.9200W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1176
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6170B143

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00949
FPAP ORTHOMETRIC HEIGHT	+00949

