

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> CONCORD-PADGETT RGNL	<u>AIRPORT ID</u> KJQF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> CONCORD	<u>STATE</u> NC	
<u>AIRPORT ELEVATION</u> 705	<u>TDZE</u> 705	<u>SUPERSEDED</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 06/08/2006	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
NASCR		MEATT		TF	FB	2.00	354.50	6.60	3000
PONTI		MEATT		TF	FB	2.00	249.32	11.58	3000
MEATT	IAF	LEEMO		TF	FB	1.00	286.52	5.00	3000
LEEMO	IF	GLISS		TF	FB	1.00	196.48	6.01	2400
GLISS	FAF	RW20	MAP	TF	FO	0.30	196.47	5.12	
RW20	MAP	955 MSL		CA			196.47		
955 MSL		WEGTI		DF	FB	1.00			
WEGTI		LOCAS		TF	FO	1.00	126.93	15.75	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT WEGTI AND ON TRACK 126.93 TO LOCAS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. PROFILE STARTS AT LEEMO
3. FAC:

196.47

FAF: GLISS

DIST FAF TO MAP: 5.12

DIST FAF TO THLD: 5.12
4. MIN ALT: LEEMO 3000, GLISS 2400
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.66

GS ANT:
6. MIN GP INCPT:

2400

GP ALT AT FAF : GLISS 2400

OM:

MM:

IM:
7. GP ANGLE:

3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 44.4
8. MSA FROM: RW20 3800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.76 NM TO RW20*
*LNAV ONLY
WAAS CHANNEL #56499
REFERENCE PATH ID: W20A
CHART FAS OBST: 909 TREE 352826N/0804134W.
HOLD W, RT, 093.32 INBOUND
LTP HAE: 182.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2

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	955	1/2	250	955	1/2	250	955	1/2	250	955	1/2	250			
LNAV/VNAV DA	1222	1 1/4	517	1222	1 1/4	517	1222	1 1/4	517	1222	1 1/4	517			
LNAV MDA	1300	1/2	595	1300	1/2	595	1300	1 1/4	595	1300	1 1/4	595			
CIRCLING	1300	1	595	1300	1	595	1480	2 1/4	775	1480	2 1/2	775			



CHANGES - REASONS

1. CHANGED AIRPORT NAME FROM CONCORD RGNL TO CONCORD-PADGETT RGNL - MATCH PENDING AIRNAV DATA RECORD.
2. ADDED 20:1 IS CLEAR - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-7G(3).
3. AMENDED VDP FROM 1.75 NM TO RW20 TO 1.76 NM TO RW20 - RECOMPUTED USING CURRENT VGSI ANGLE/TCH.
4. AMENDED MISSED APPROACH FROM CLIMB TO 3000 DIRECT WEGTI AND VIA 126.93 TRACK TO LOCAS AND HOLD TO READ CLIMB TO 3000 DIRECT WEGTI AND ON TRACK 126.93 TO LOCAS AND HOLD - FORMATTED IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-6D.
5. AMENDED LNAV CAT C VISIBILITY FROM 1 TO 1 1/4 - COMPUTED USING FAAO 8260.3C, TABLE 3-3-1.
6. AMENDED CATS A/B CIRCLING VISIBILITY FROM 1 3/4 TO 1 - CIRCLING VISIBILITY NO LONGER COMPARED TO VERTICALLY GUIDED NO LIGHT VISIBILITIES WHEN COMPUTING MINIMUM VALUE.
7. DELETED CHART FAS OBST: 739 TREE 352426N/0804259W FROM ADDITIONAL FLIGHT DATA - LNAV/VNAV CONTROLLING OBSTACLE NO LONGER CHARTED.
8. ADDED CHART CIRCLING ICON IN ADDITIONAL FLIGHT DATA - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-10T. THE RNAV (GPS) RWY 2 HAS A CIRCLING ICON PUBLISHED.
9. AMENDED CAT C CIRCLING MDA/HAA FROM 1300/595 TO 1480/775 AND VISIBILITY FROM 1 3/4 TO 2 1/4 - MATCH CAT C CIRCLING MINIMUMS ON THE RNAV (GPS) RWY 2.
10. DELETED NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLOTTE ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FEET - LOCAL AWOS IS ON WMSCR. BACK-UP ALTIMETER ADJUSTMENTS AND NOTES MOVED TO FAA FORM 8260-9 FOR CONTINGENCY USE DURING KJQF AWOS OUTAGES.
11. DELETED NOTE: VDP AND BARO-VNAV NA WHEN USING CHARLOTTE ALTIMETER SETTING - LOCAL AWOS IS ON WMSCR. BACK-UP ALTIMETER ADJUSTMENTS AND NOTES MOVED TO FAA FORM 8260-9 FOR CONTINGENCY USE DURING KJQF AWOS OUTAGES.
12. DELETED NOTE: FOR INOPERATIVE MALSR INCREASE LPV VISIBILITY TO 1 - NOT REQUIRED, LPV ADJUSTMENTS ARE IN ACCORDANCE WITH THE INOPERATIVE TABLE.
13. ADDED NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 1 3/8 SM - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-11O(3)(D).
14. DELETED NOTE: BARO-VNAV NA BELOW -16C (4F) - REPLACED BY UPDATED NOTE.
15. ADDED NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C - FORMATTED IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-9S.
16. DELETED NOTE: DME/DME RNP-0.3 NA - REPLACED BY EQUIPMENT REQUIREMENT NOTE.
17. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-8.
18. ADDED PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - VGSI TCH (37.5) AND PROCEDURE TCH (44.4) NOT WITHIN 3 FOOT COINCIDENCE TOLERANCE.
19. DELETED ALTERNATE MINIMUMS RESTRICTION NA WHEN LOCAL WEATHER NOT AVAILABLE - NO LONGER REQUIRED, LOCAL AWOS IS ON WMCSR.
20. AMENDED CAT C ALTERNATE MINIMUMS FROM STANDARD TO 800-2 1/4 - COMPUTED USING HIGHER CAT C CIRCLING VISIBILITY.
21. FAS DATA: AMENDED FPAP FROM 352239.9930N/0804240.9990W TO 352217.9035/0804245.9785W - COMPUTED USING AFS FPAP CALCULATOR.
22. FAS DATA: AMENDED LENGTH OFFSET FROM 0000 TO 0696 - COMPUTED USING AFS FPAP CALCULATOR.
23. FAS DATA: AMENDED CRC REMAINDER FROM 61CC7834 TO CAE90580 - COMPUTED USING AMENDED FPAP LAT/LONG AND LENGTH OFFSET PARAMETERS.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZTL, CLT APP CON, JQF TOWER, AMGR

FLIGHT CHECKED BY

JOHN D JEFFERS

DEVELOPED BY

PETER R. GUIMOND

APPROVED BY

JULIE MORGAN

Digitally signed by
ROBERT G HAMILTON
Sep 10, 2018

Digitally signed by
PETER R GUIMOND
Jul 26, 2018

Digitally signed by
ROBERT G HAMILTON
Sep 10, 2018

OFFICE

FICO

OFFICE

AJV-5422

OFFICE

AJV-5420

DATE

9/7/18

DATE

07/26/2018

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJQF
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	352345.6580N
LTP/FTP LONGITUDE	0804226.1910W
LTP/FTP ELLIPSOIDAL HEIGHT	+01826
FPAP LATITUDE	352217.9035N
FPAP LONGITUDE	0804245.9785W
THRESHOLD CROSSING HEIGHT (TCH)	00044.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0696
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CAE90580
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02132
FPAP ORTHOMETRIC HEIGHT	+02132

