

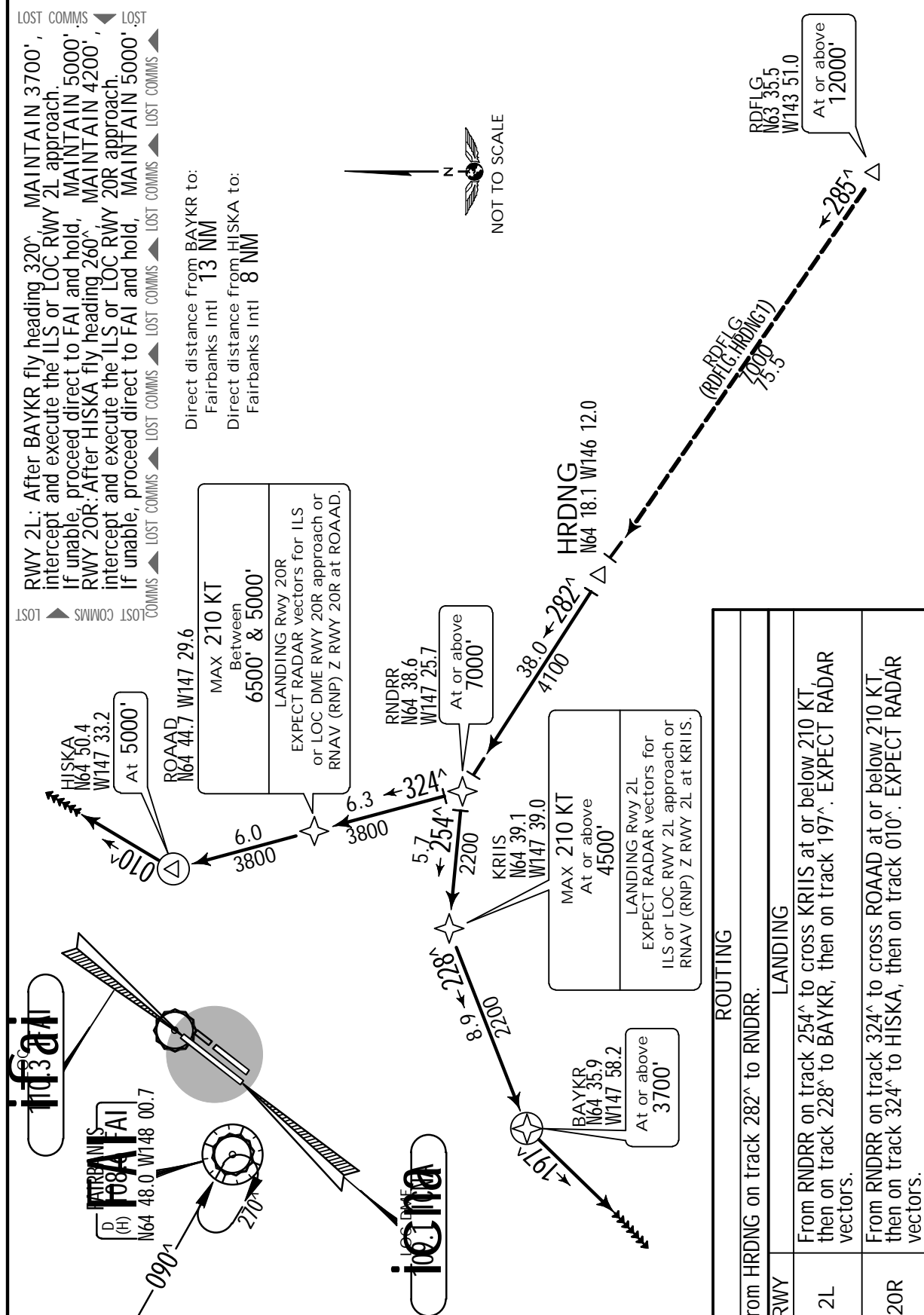
PAFA/FAI
FAIRBANKS INTL

14 SEP 12 (10-2) .Eff.20.Sep.

FAIRBANKS, ALASKA
.RNAV.STAR.

ATIS 124.4	Apt Elev 439'	Alt Set: INCHES Trans level: FL180 Trans alt: 18000' 1. RADAR required. 2. GPS required. 3. RNAV 1.4. Monitor ATIS for runway in use. 5. EXPECT runway assignment from Fairbanks Approach Control on initial contact. 6. EXPECT RDLFLG at or below 17000' when DELTA ATCAA is active.
---------------	------------------	---

HRDNG ONE RNAV ARRIVAL (HRDNG.HRDNG1)



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FAIRBANKS INTL

JEPPESEN
14 SEP 12 (10-2A) .Eff.20.Sep.

FAIRBANKS, ALASKA
.RNAV.STAR.

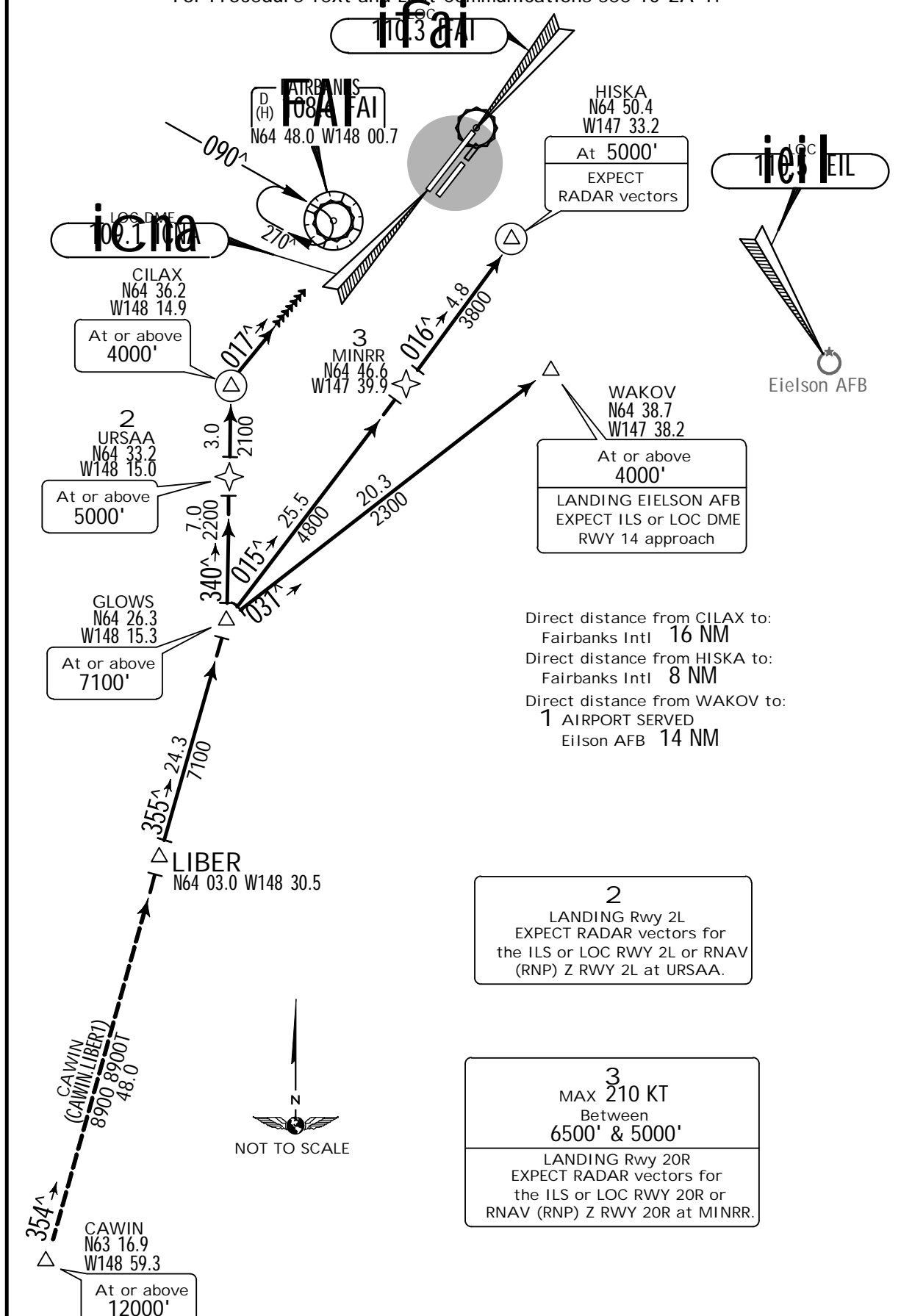
ATIS
124.4

Apt Elev
439'

Alt Set: INCHES Trans level: FL180 Trans alt: 18000'
1. RADAR required. 2. GPS required. 3. RNAV 1. 4. Monitor ATIS for
runway in use. 5. EXPECT runway assignment from Fairbanks Approach
Control on initial contact. 6. Also Serves 1

LIBER ONE RNAV ARRIVAL (LIBER.LIBER1)

For Procedure Text and Lost Communications see 10-2A-1.



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JEPPESEN
14 SEP 12 (10-2A-1)

.Eff.20.Sep.

FAIRBANKS, ALASKA
.RNAV.STAR.

LIBER ONE RNAV ARRIVAL (LIBER.LIBER1)

For Procedure Graphic see 10-2A

PROCEDURE TEXT

LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼

LANDING FAIRBANKS INTL:

RWY 2L: After CILAX fly heading 017^ to join RWY 2L
localizer, cleared ILS or LOC DME RWY 2L. If unable,
proceed direct to FAI and hold, MAINTAIN 5000'.

RWY 20R: After HSKA fly heading 260^, MAINTAIN 4200',
intercept and execute the ILS or LOC RWY 20R approach.
If unable, proceed direct to FAI and hold, MAINTAIN 5000'.

LANDING EIELSON AFB:

RWY 14: At WAKOV, cleared ILS or LOC DME RWY 14
approach to Eielson AFB.

LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲

LOST COMMS ▼
LOST COMMS ▲

ROUTING

From LIBER on track 355^ to GLOWS.

RWY	LANDING FAIRBANKS INTL
2L	From GLOWS on track 340^ to URSAA, then on track 340^ to CILAX, then on track 017^ . EXPECT RADAR vectors.
20R	From GLOWS on track 015^ to cross MINRR at or below 210 KT, then on track 016^ to HSKA. EXPECT RADAR vectors.
RWY	LANDING EIELSON AFB

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FAIRBANKS INTL

JEPPESEN
14 SEP 12 (10-2B) .Eff.20.Sep.

FAIRBANKS, ALASKA
.RNAV.STAR.

ATIS
124.4

Apt Elev
439'

Alt Set: INCHES Trans level: FL180 Trans alt: 18000'
1. RADAR required. 2. GPS required. 3. RNAV 1. 4. Monitor ATIS for
runway in use. 5. EXPECT runway assignment from Fairbanks Approach
Control on initial contact.

OOILL ONE RNAV ARRIVAL (OOILL.OOILL1) For Procedure Text and Lost Communications see 10-2B-1.

Direct distance from PELLT to:
Fairbanks Intl 16 NM
Direct distance from SLUCE to:
Fairbanks Intl 11 NM

PANNR
N66 03.3
W148 10.1

At or above
12000'



NOT TO SCALE

1
LANDING Rwy 20R
EXPECT RADAR vectors to
ILS or LOC RWY 20R approach or
RNAV (RNP) Z RWY 20R at TRPLN.

2
LANDING Rwy 2L
EXPECT RADAR vectors to
ILS or LOC RWY 2L approach or
RNAV (RNP) Z RWY 2L at GLDHL.

MUSHR
N65 09.5
W147 32.7

At or above
7000'

1
TRPLN
N65 05.0
W147 31.3

At or above
5500'

PELLT
N65 02.0
W147 30.5

At or above
4900'

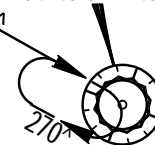
2
GLDHL
N64 52.4
W148 03.3

MAX 210 KT
At or above
6500'

SLUCE
N64 45.6
W148 15.3

At or above
5500'

FAIRBANKS
(D) (H)
N64 48.0 W148 00.7



ifai

icna

PAFA/FAI
FAIRBANKS INTL

JEPPESEN
14 SEP 12 10-2B-1

.Eff.20.Sep.

FAIRBANKS, ALASKA
.RNAV..STAR.

OOILL ONE RNAV ARRIVAL (OOILL.OOILL1)

For Procedure Graphic see 10-2B

PROCEDURE TEXT

LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS

RWY 2L: After SLUCE fly heading 080°, MAINTAIN 3700',
intercept and execute the ILS or LOC RWY 2L approach. If
unable, proceed direct to FAI and hold, MAINTAIN 5000'.
RWY 20R: After PELLT fly heading 170°, MAINTAIN 4300',
intercept and execute the ILS or LOC RWY 20R approach.
If unable, proceed direct to FAI and hold, MAINTAIN 5000'.

LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲

ROUTING

From OOILL on track 141° to MUSHR.

RWY	LANDING
2L	From MUSHR on track 196° to GLDHL at or below 210 KT, then on track 196° to SLUCE, then on track 196°. EXPECT RADAR vectors.
20R	From MUSHR on track 152° to TRPLN, then on track 152° to PELLT, then on track

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FAIRBANKS INTL

JEPPESEN

14 SEP 12

10-3

.Eff.20.Sep.

FAIRBANKS, ALASKA

.RNAV.SID.

FAIRBANKS Departure (R)

360°-179° | 180°-359°

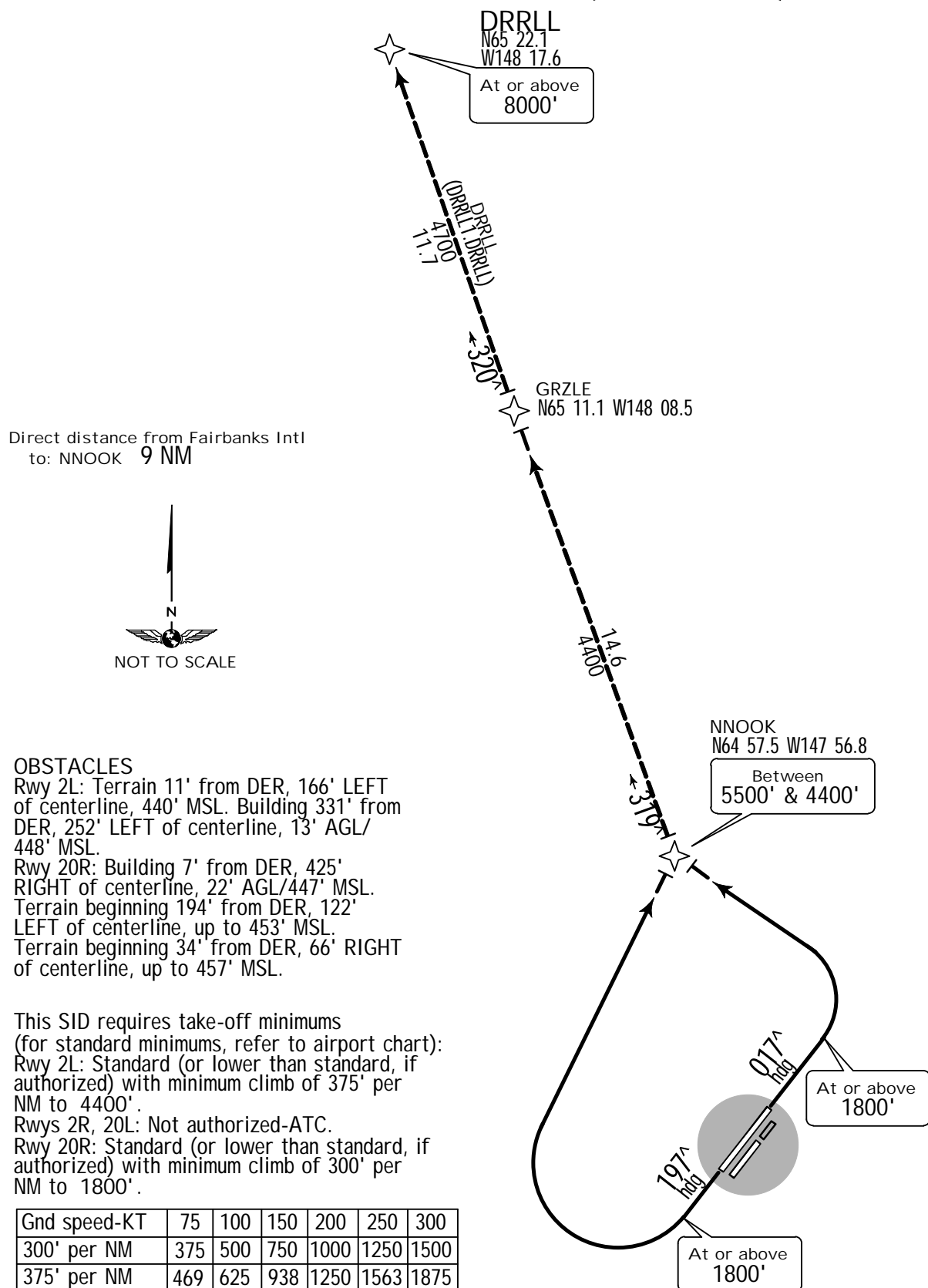
126.5 | 125.35

Apt Elev
439'

Trans level: FL180
1. GPS required.
2. RNAV 1.

Trans alt: 18000'

DRRLL ONE RNAV DEPARTURE (DRRLL1.DRRLL)



RWY	INITIAL CLIMB
2L	Climb heading 017° to at or above 1800', then climbing LEFT turn direct NNOOK, cross NNOOK between 5500' and 4400'.
20R	Climb heading 197° to at or above 1800', then climbing RIGHT turn direct NNOOK,

PAFA/FAI

FAIRBANKS INTL

JEPPESEN

14 SEP 12

10-3A

.Eff.20.Sep.

FAIRBANKS, ALASKA

.SID.

FAIRBANKS Departure (R)

360°-179° 180°-359°

126.5 125.35

Apt Elev
439'

Trans level: FL180 Trans alt: 18000'

GALENA FOUR DEPARTURE (GLEEN4.GAL)

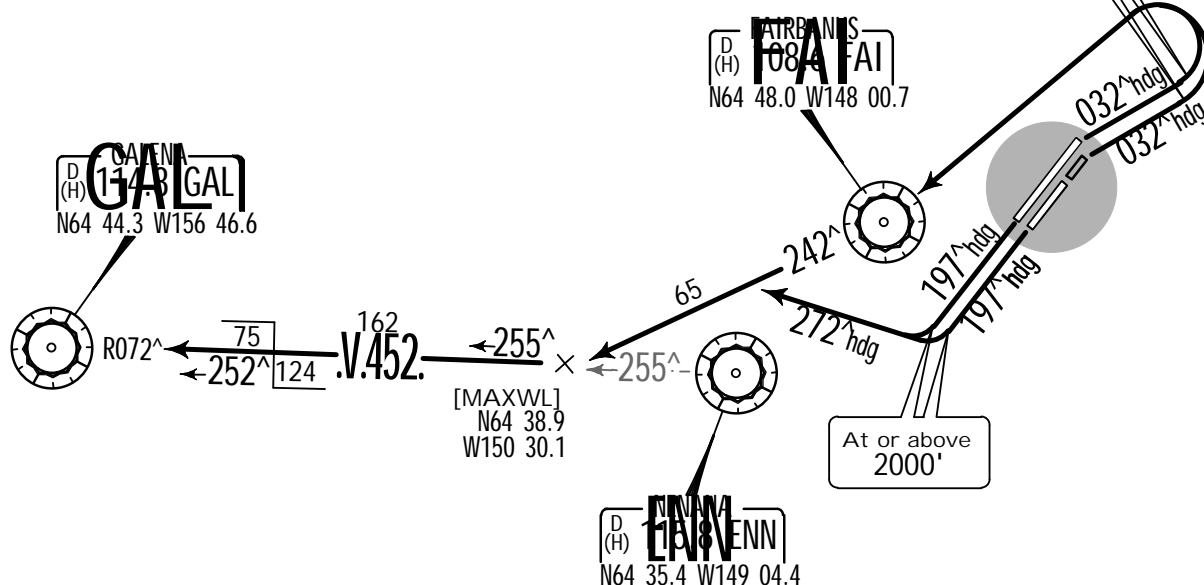
4500'

MSA FAI VOR

Direct distance from Fairbanks Intl

(Rwys 2L/R) to: FAI 4 NM

(Rwys 20L/R) to: MAXWL 69 NM



OBSTACLES

Rwy 2L: Terrain 11' from DER, 166' LEFT of centerline, 440' MSL. Building 331' from DER, 252' LEFT of centerline, 13' AGL/448' MSL.

Rwy 2R: Tank 32' from DER, 359' LEFT of centerline, 6' AGL/439' MSL. Terrain 52' from DER, 389' LEFT of centerline, 440' MSL. Building 188' from DER, 450' LEFT of centerline, 9' AGL/442' MSL. Aircraft 211' from DER, 456' RIGHT of centerline, 8' AGL/441' MSL. Terrain beginning 132' from DER, 208' RIGHT of centerline, up to 447' MSL. Tree 502' from DER, 369' LEFT of centerline, 15' AGL/448' MSL.

Rwy 20L: Terrain 9' from DER, 130' LEFT of centerline, 437' MSL. Terrain 89' from DER, 467' RIGHT of centerline, 443' MSL. Multiple trees beginning 335' from DER, 459' RIGHT of centerline, up to 68' AGL/521' MSL. Multiple trees beginning 870' from DER, 188' LEFT of centerline, up to 60' AGL/491' MSL.

Rwy 20R: Building 7' from DER, 425' RIGHT of centerline, 22' AGL/447' MSL. Terrain beginning 194' from DER, 122' LEFT of centerline, up to 453' MSL. Terrain beginning 34' from DER, 66' RIGHT of centerline, up to 457' MSL.



This SID requires take-off minimums (for standard minimums, refer to airport chart):
Rwys 2L/R: Standard (or lower than standard, if authorized) with a minimum climb of 230' per NM to 2200'.
Rwys 20L/R: Standard (or lower than standard, if authorized).

Gnd speed-KT	75	100	150	200	250	300
230' per NM	288	383	575	767	958	1150

RWY

INITIAL CLIMB

2L/R Climb heading 032° to 2200', then LEFT turn direct FAI.

20L/R Climb heading 197° to 2000', then RIGHT turn heading 272°.

ROUTING

Intercept FAI R-242 to ENN R-255/V-452 to GAL, then continue climb via assigned route

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FAIRBANKS INTL

JEPPesen

14 SEP 12

10-3B

.Eff.20.Sep.

FAIRBANKS, ALASKA

.SID.

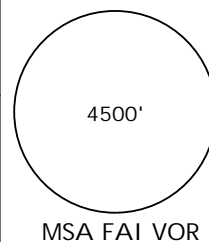
FAIRBANKS Departure (R)

360°-179° 180°-359°

126.5 125.35

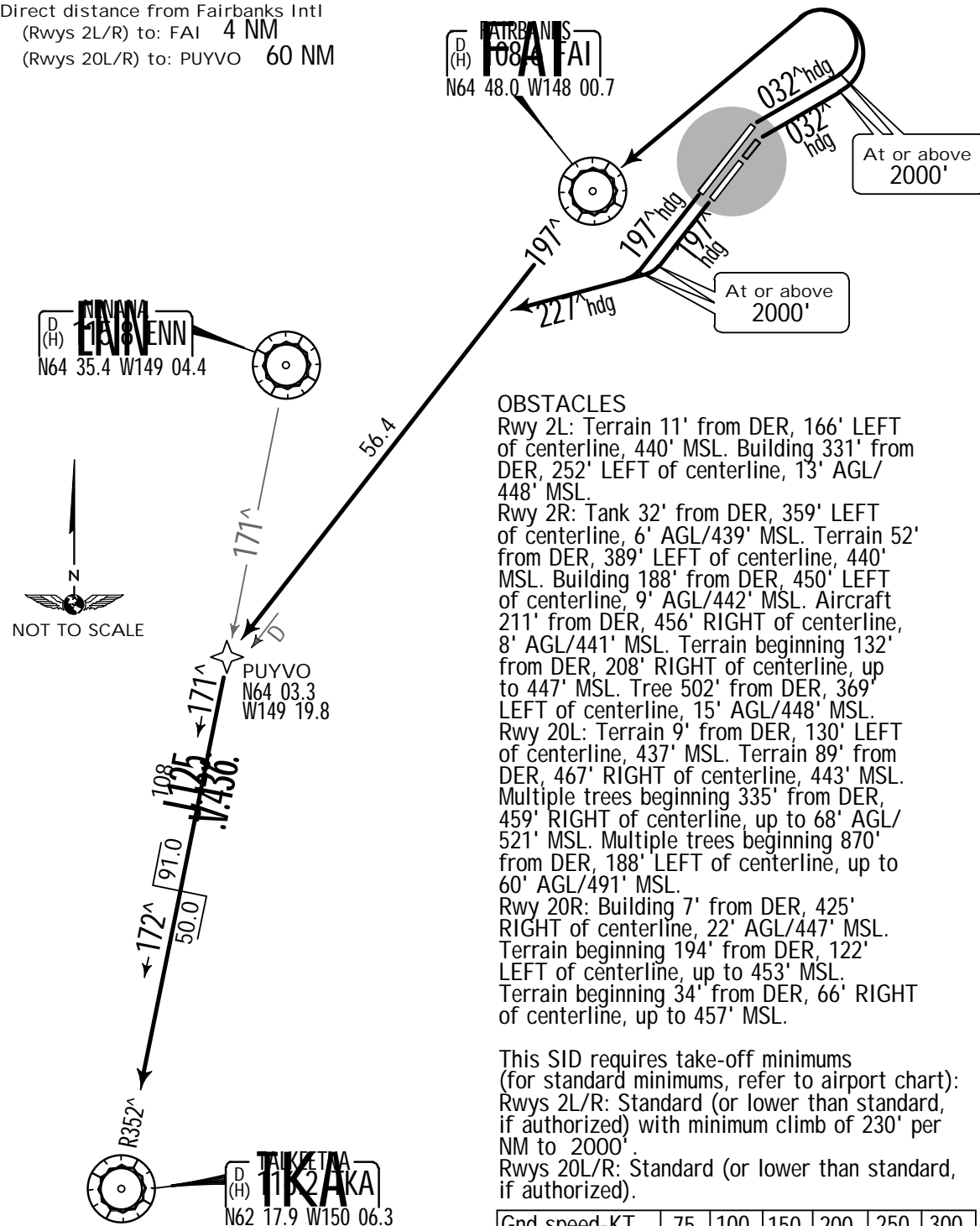
Apt Elev
439'

Trans level: FL180 Trans alt: 18000'



McKINLEY NINE DEPARTURE (MKNLY9.TKA)

Direct distance from Fairbanks Intl
(Rwys 2L/R) to: FAI 4 NM
(Rwys 20L/R) to: PUYVO 60 NM



RWY	INITIAL CLIMB
2L/R	Climb heading 032° to 2000', then LEFT turn direct FAI.
20L/R	Climb heading 197° to 2000', then RIGHT turn heading 227°.
ROUTING	
Intercept FAI R-197 to PUYVO/FAI 56.4 DME fix, then ENN R-171 and TKA R-352 to TKA,	

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FAIRBANKS INTL

JEPPESEN

14 SEP 12

10-3C

.Eff.20.Sep.

FAIRBANKS, ALASKA

.RNAV.SID.

FAIRBANKS Departure (R)

360°-179° | 180°-359°

126.5 | 125.35

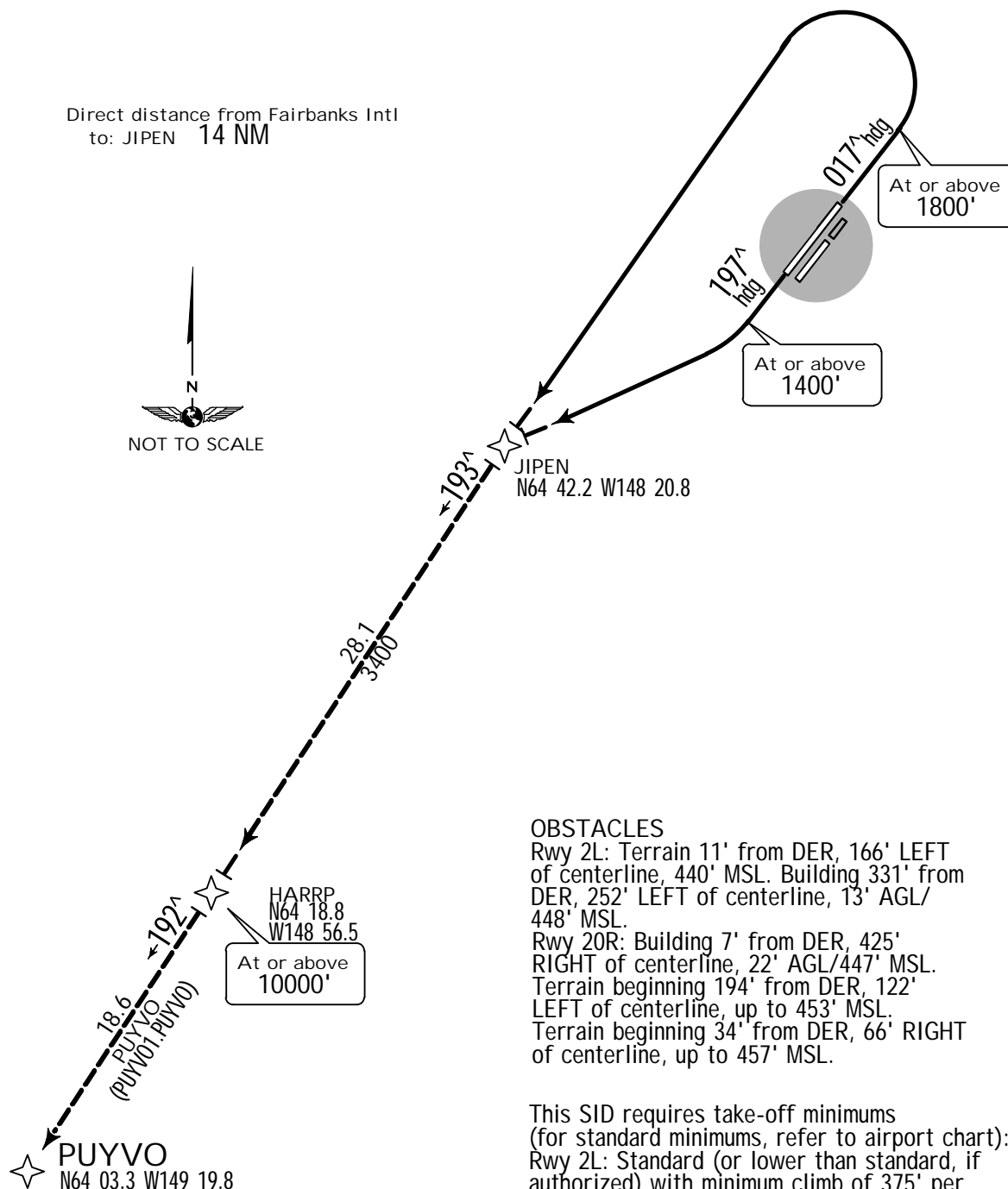
Apt Elev
439'

Trans level: FL180
1. GPS required.
2. RNAV 1.

Trans alt: 18000'

PUYVO ONE RNAV DEPARTURE (PUYVO1.PUYVO)

Direct distance from Fairbanks Intl
to: JIPEN 14 NM



OBSTACLES

Rwy 2L: Terrain 11' from DER, 166' LEFT of centerline, 440' MSL. Building 331' from DER, 252' LEFT of centerline, 13' AGL/ 448' MSL.

Rwy 20R: Building 7' from DER, 425' RIGHT of centerline, 22' AGL/447' MSL.

Terrain beginning 194' from DER, 122' LEFT of centerline, up to 453' MSL.
Terrain beginning 34' from DER, 66' RIGHT of centerline, up to 457' MSL.

This SID requires take-off minimums (for standard minimums, refer to airport chart):
Rwy 2L: Standard (or lower than standard, if authorized) with minimum climb of 375' per NM to 3900'.
Rwys 2R,20L: Not authorized-ATC.
Rwy 20R: Standard (or lower than standard, if authorized) with minimum climb of 300' per NM to 4200'.

Gnd speed-KT	75	100	150	200	250	300
300' per NM	375	500	750	1000	1250	1500
375' per NM	469	625	938	1250	1563	1875

RWY	INITIAL CLIMB
2L	Climb heading 017° to at or above 1800', then climbing LEFT turn direct JIPEN.

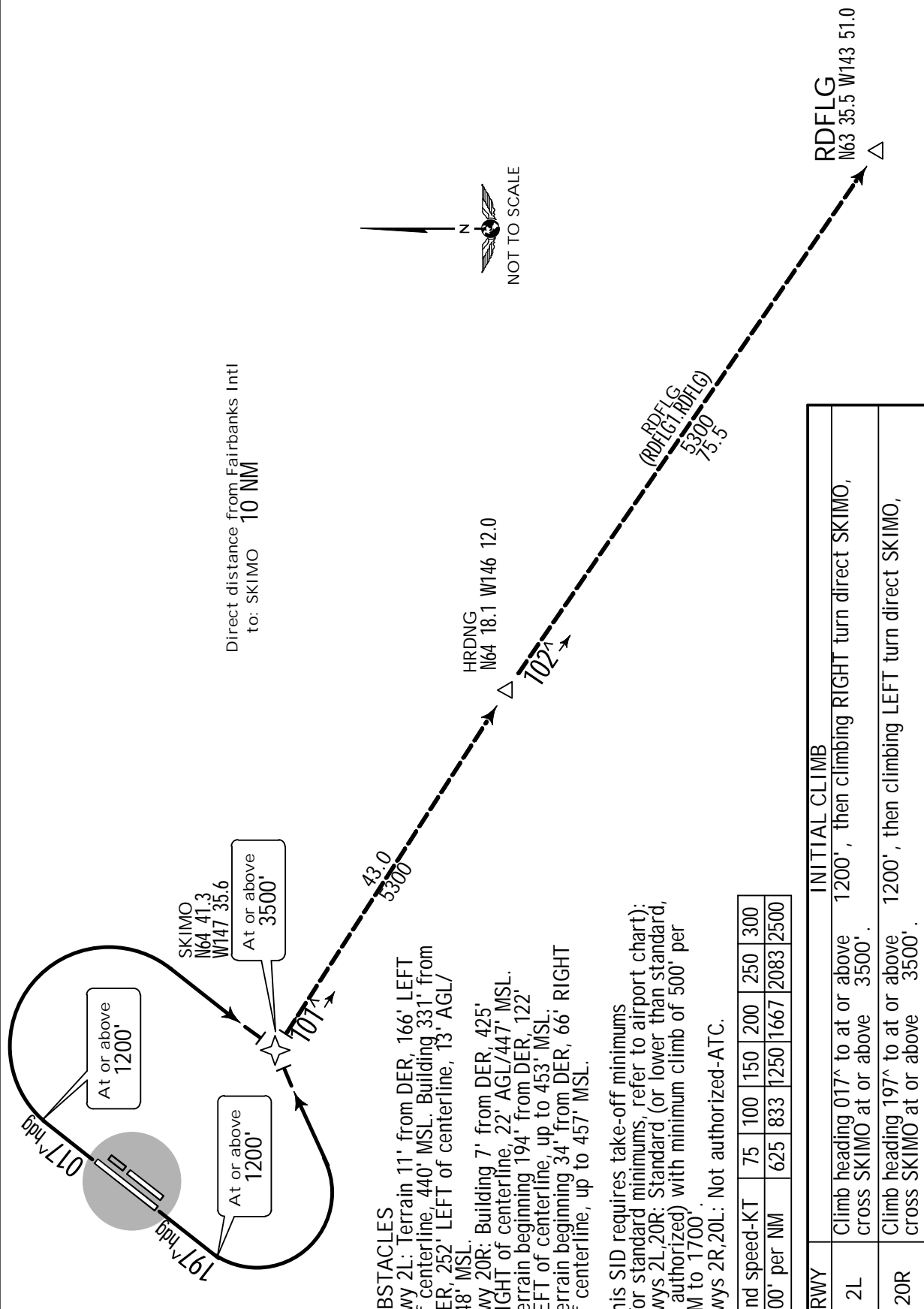
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FAIRBANKS INTL

JEPPESSEN
14 SEP 12 (10-3D) .Eff.20.Sep.

FAIRBANKS, ALASKA
p. .RNAV.SID.

FAIRBANKS Departure (R) 360°-179° 180°-359° 126.5 125.35	Apt Elev 439'	Trans level: FL180 Trans alt: 18000' 1. GPS required. 2. RNAV 1. 3. EXPECT RDFLG at or below 17000' when Delta ATCAA is active.
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RDFLG ONE RNAV DEPARTURE (RDFLG1.RDFLG)



PAFA/FAI

Apt Elev 439'
N64 48.9 W147 51.4

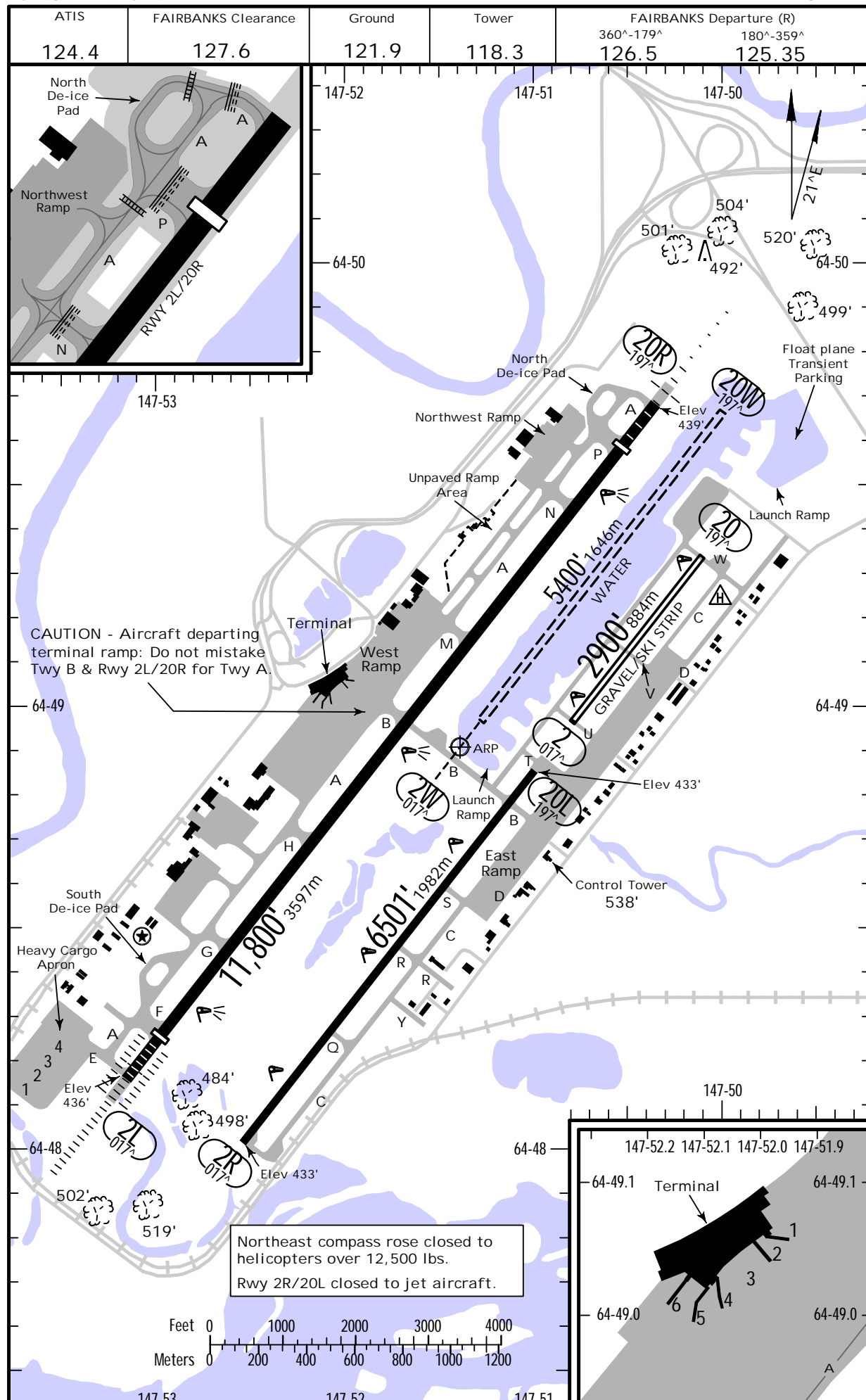
22 NOV 13

10-9

JEPPESSEN

FAIRBANKS, ALASKA

FAIRBANKS INTL



PAFA/FAI

22 NOV 13

JEPPESEN

10-9A

FAIRBANKS, ALASKA

FAIRBANKS INTL

GENERAL

Birds in vicinity of airport.

Noise abatement procedures in effect from 2200-0800 local. All large aircraft, turbine engine, and heavy aircraft utilize Rwy 2L for arrivals and Rwy 20R for departures when wind is not an operational factor.

Be alert for snow removal equipment operations from Oct to May.

For flights in MOA's East of Fairbanks recommend contacting Eielson Ranger Control on 125.3.

For availability of Summer gravel strip, and Winter ski strip, Rwy 2-20, contact tower prior to arrival/departure.

Helicopter arrivals and departures from Northwest compass rose operate to/from the east.

Frost heaves south 2600' of Rwy 2R/20L, contact airport ops with safety concerns.

Contact airport operations for engine run-up locations.

ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS LANDING BEYOND		TAKE-OFF	WIDTH
		Threshold	Glide Slope		
2L	HIRL CL ALSF-II TDZ PAPI-L (angle 3.0^°) RVR	11,050' 3368m	10,000' 3048m		150'
20R	HIRL CL MALSR SFL 1 PAPI-L (angle 3.0^°) RVR		9983' 3042m		46m
2R	HIRL PAPI-L (angle 3.0^°)				100'
20L	HIRL REIL PAPI-L (angle 3.0^°)				30m
2	gravel				75'
20					23m
2W					100'
20W					30m

1 Rwy 20R PAPI unusable beyond 8^ right of centerline.

TAKE-OFF & OBSTACLE DEPARTURE PROCEDURE

Rwy 20R

2 operating RVRs are required All operating RVRs are controlling		Adequate Vis Ref	STD	
CL & HIRL	CL, or RCLM & HIRL		3 & 4 Eng	1 & 2 Eng
TDZ RVR 5	TDZ RVR 10	RVR 16 or 1/4	RVR 24 or 1/2	RVR 50 or 1
Mid RVR 5	Mid RVR 10			
Rollout RVR 5	Rollout RVR 10			

Rwy 2L

With Min climb of 230' /NM to 2600'

2 operating RVRs are required All operating RVRs are controlling		Adequate Vis Ref	STD	
CL & HIRL	CL, or RCLM & HIRL		3 & 4 Eng	1 & 2 Eng
TDZ RVR 5	TDZ RVR 10	RVR 16 or 1/4	RVR 24 or 1/2	RVR 50 or 1
Mid RVR 5	Mid RVR 10			
Rollout RVR 5	Rollout RVR 10			

Rwy 20L

Rwy 2R

Adequate Vis Ref	STD		With Min climb of 230' /NM to 2600'	
	3 & 4 Eng	1 & 2 Eng	Adequate Vis Ref	STD
			3 & 4 Eng	1 & 2 Eng
1/4	1/2	1	1/4	1/2
				1

OBSTACLE DP

Rwy 20R, 20L, climb heading 197^ to 2600' before proceeding on course.

Rwy 2L, 2R, climb heading 032^ to 2600' before proceeding on course.

FOR FILING AS ALTERNATE

		FOR HELIOS AS ALTERNATE			
ILS Rwy 2L		ILS Rwy 20R LOC Rwy 20R	LOC Rwy 2L RNAV (GPS) Rwy 2R RNAV (GPS) Y Rwy 2L RNAV (GPS) Rwy 20L RNAV (RNP) Z Rwy 2L RNAV (RNP) Z Rwy 20R	VOR Rwy 20R	RNAV (GPS) Y Rwy 20R
A	600-2	1600-2	800-2	900-2	NA
B				900-2½	
C					

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FAIRBANKS INTL

.LESS.THAN.RVR.1200.to.600.

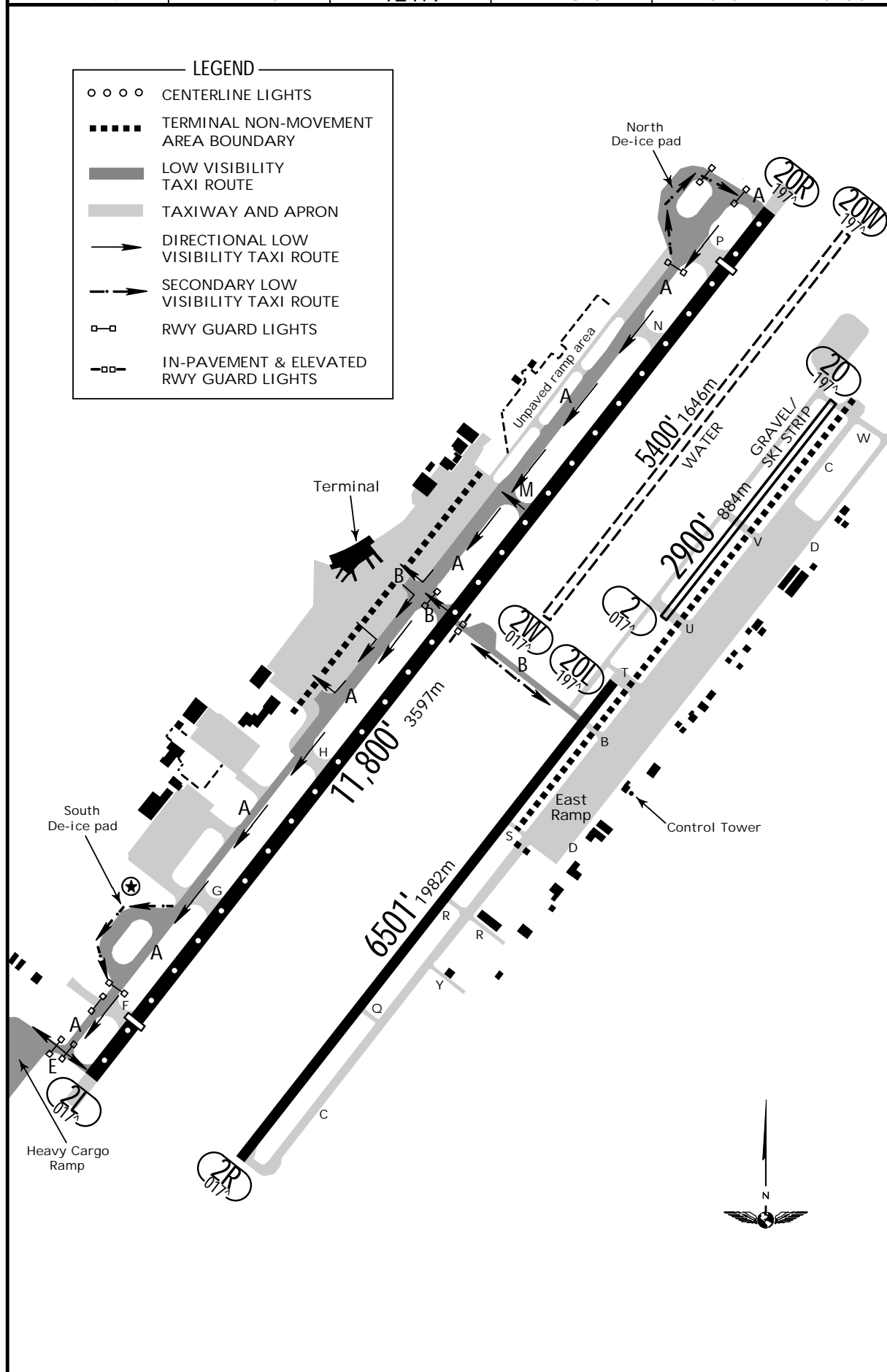


7 JUN 13

(10-9B)

FAIRBANKS, ALASKA SMGCS ABILITY TAXI ROUTES

ATIS	FAIRBANKS Clearance	Ground	Tower	FAIRBANKS Departure (R)	
124.4	127.6	121.9	118.3	360°-179° 126.5	180°-359° 125.35



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FAIRBANKS INTL

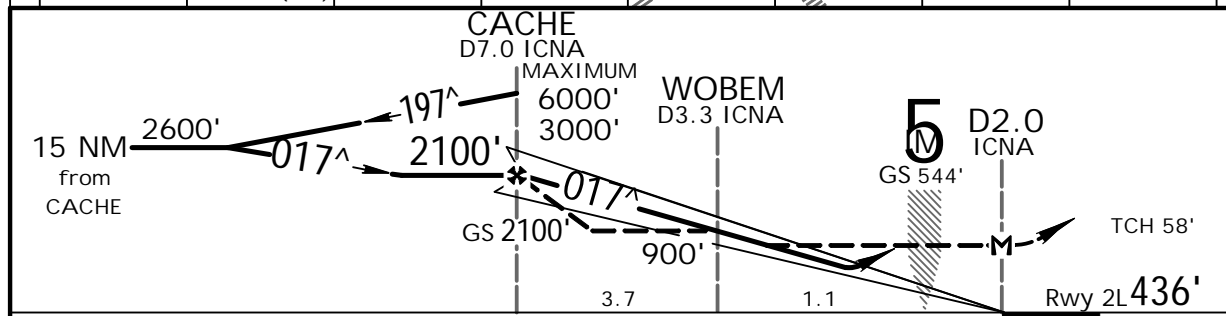
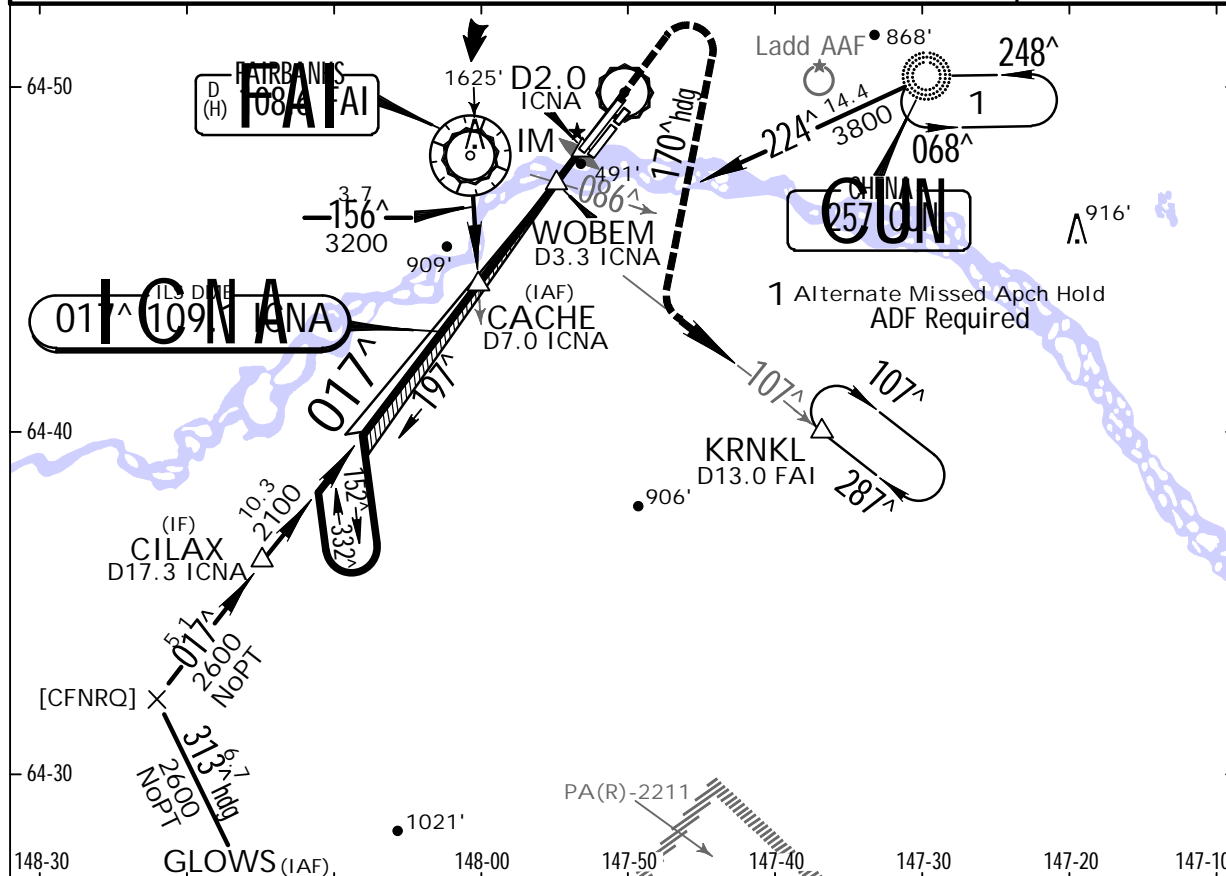
JEPPesen
20 JUL 12 (11-1) .Eff.26.Jul.

FAIRBANKS, ALASKA

ILS or LOC Rwy 2L

BRIEFING STRIP™

ATIS 124.4	FAIRBANKS Approach (R) 360°-179° 126.5	180°-359° 125.35	FAIRBANKS Tower 118.3	Ground 121.9
LOC ICNA 109.1	Final Apch Crs 017°	GS CACHE 2100' (1664')	ILS DA(H) 636' (200') Apt Elev 439' Rwy 2L 436'	4500'
MISSED APCH: Climb to 900' then climbing RIGHT turn to 5000' on heading 170° and outbound on FAI VOR R-107 to KRNL/D13.0 FAI and hold, continue climb-in-hold to 5000', or as directed by ATC.				MSA FAI VOR
Alt Set: INCHES 1. DME required. 2. VGSI and ILS glidepath not coincident.				Trans level: FL 180 Trans alt: 18000'



Gnd speed-Kts	70	90	100	120	140	160	0.2 0				
GS 3.00^	372	478	531	637	743	849	<div>ALSF-II</div> <div>PAPI</div>	900'	5000'	170^	FAI
MAP at D2.0 ICNA or CACHE to MAP 5.0	4:17	3:20	3:00	2:30	2:09	1:53		↑	<div>RT</div>	on hdg and	108.6 R-107

TERPS. STRAIGHT-IN LANDING RWY 2L						CIRCLE-TO-LAND	
ILS						Not Authorized West of Rwy 2L-20R	
DA(H) 636' (200')		MDA(H) 760' (324')		MDA(H) 900' (461')			
FULL		2 With WOBE		Without WOBE			
IDZ or CL out		ALS out		ALS out			
FULL		ALS out		ALS out			
A						Max Kts	
B	RVR 18 or 3/8	RVR 24 or 1/2	RVR 40 or 3/4	RVR 24 or 1/2	RVR 55 or 1	90	880' (441')-1
C				RVR 26 or 1/2	RVR 50 or 1	120	900' (461')-1
D						140	900' (461')-1 1/2
						165	1000' (561')-2

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FAIRBANKS INTL

20 JUL 12
Eff. 26 Jul.

JEPPESSEN

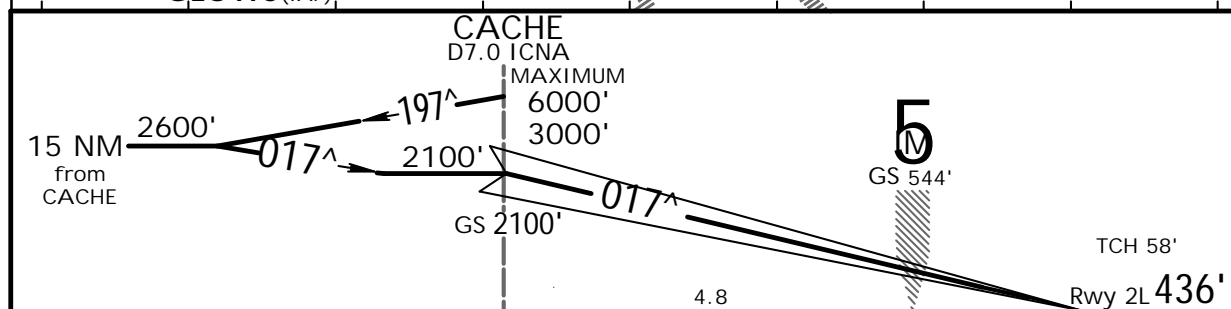
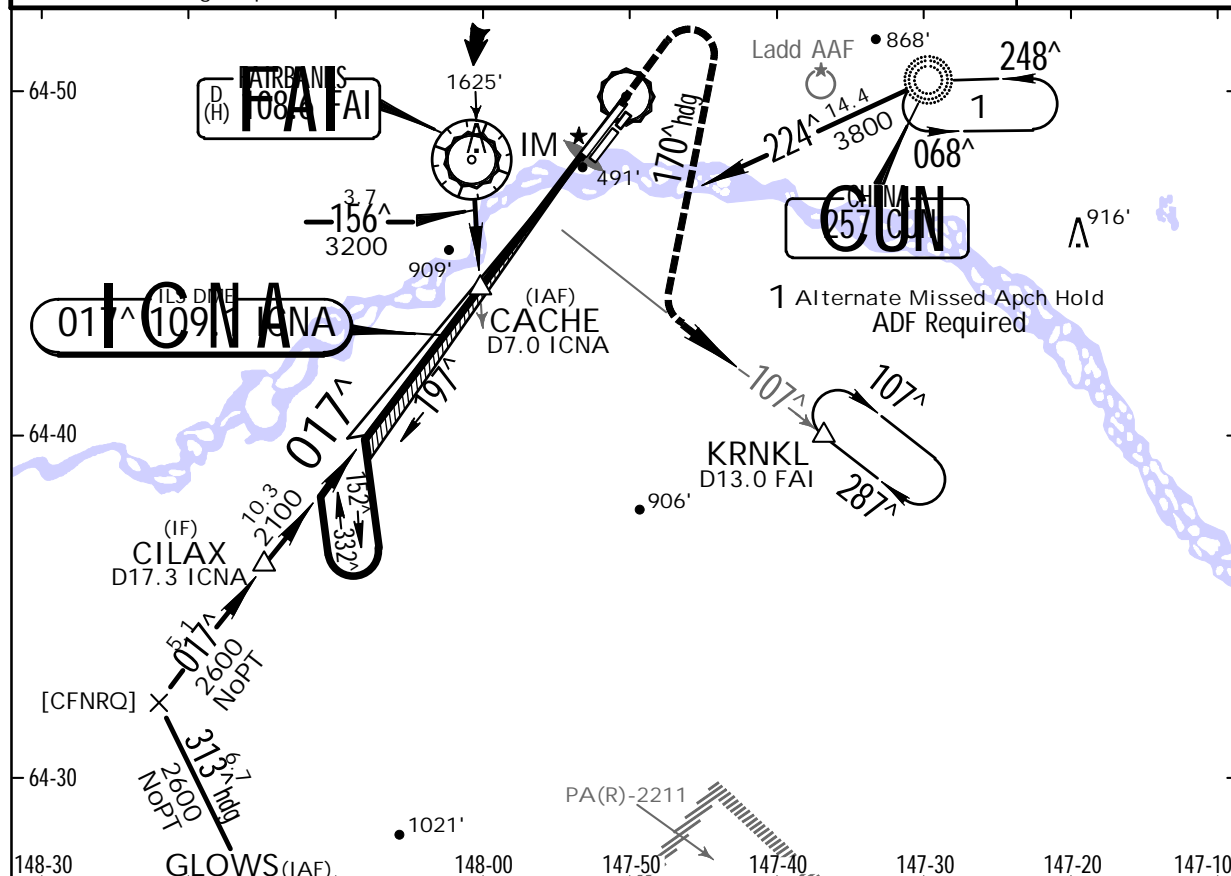
(11-1A)

FAIRBANKS, ALASKA

ILS Rwy 2L CAT II & III

BRIEFING STRIP™

ATIS 124.4		FAIRBANKS Approach (R) 360°-179° 126.5		FAIRBANKS Tower 180°-359° 125.35		118.3	Ground 121.9
LOC ICNA 109.1	Final Apch Crs 017°	GS CACHE 2100' (1664')	CAT IIIC NA	CAT IIIB Refer to Minimums	CAT IIIA RA 104' DA(H) 536' (100')	Apt Elev 439' Rwy 2L 436'	4500'
MISSED APCH: Climb to 900' then climbing RIGHT turn to 5000' on heading 170° and outbound on FAI VOR R-107 to KRNL/D13.0 FAI and hold, continue climb-in-hold to 5000', or as directed by ATC.							MSA FAI VOR
Alt Set: INCHES 1. Special Aircrew & Acft Certification required. 2. DME required. 3. VGSI and ILS glidepath not coincident.							
Trans level: FL 180 Trans alt: 18000'							



Gnd speed-Kts	70	90	100	120	140	160	ALSF-II	900'	5000'	170°	FAI
GS	3.00°	372	478	531	637	743	PAPI	↑	RT	on	R-107

TERPS.				STRAIGHT-IN LANDING RWY 2L			
CAT IIIC ILS	CAT IIIB ILS	CAT IIIA ILS	CAT II ILS RA 104' DA(H) 536' (100')	CAT IIIC ILS	CAT IIIB ILS	CAT IIIA ILS	CAT II ILS RA 104' DA(H) 536' (100')
NA	RVR 6	RVR 7	1 RVR 12	NA	RVR 6	RVR 7	1 RVR 12

25 AMEND 9 26 JUL 2012

PAFA/FAI

FAIRBANKS INTL

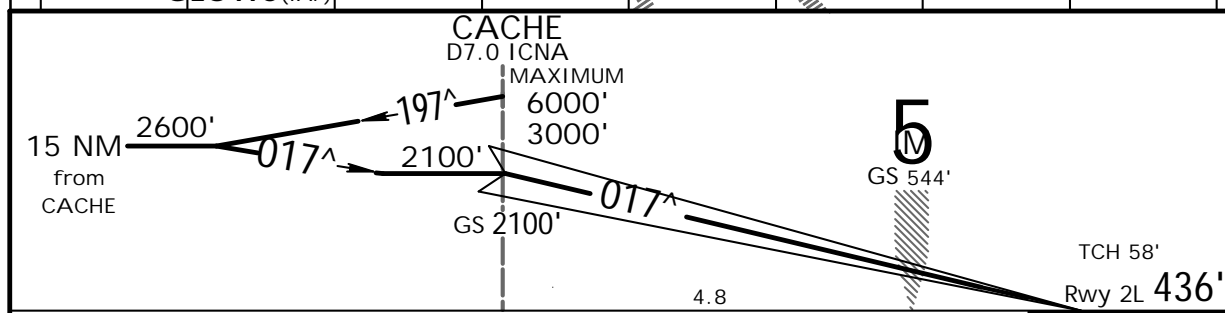
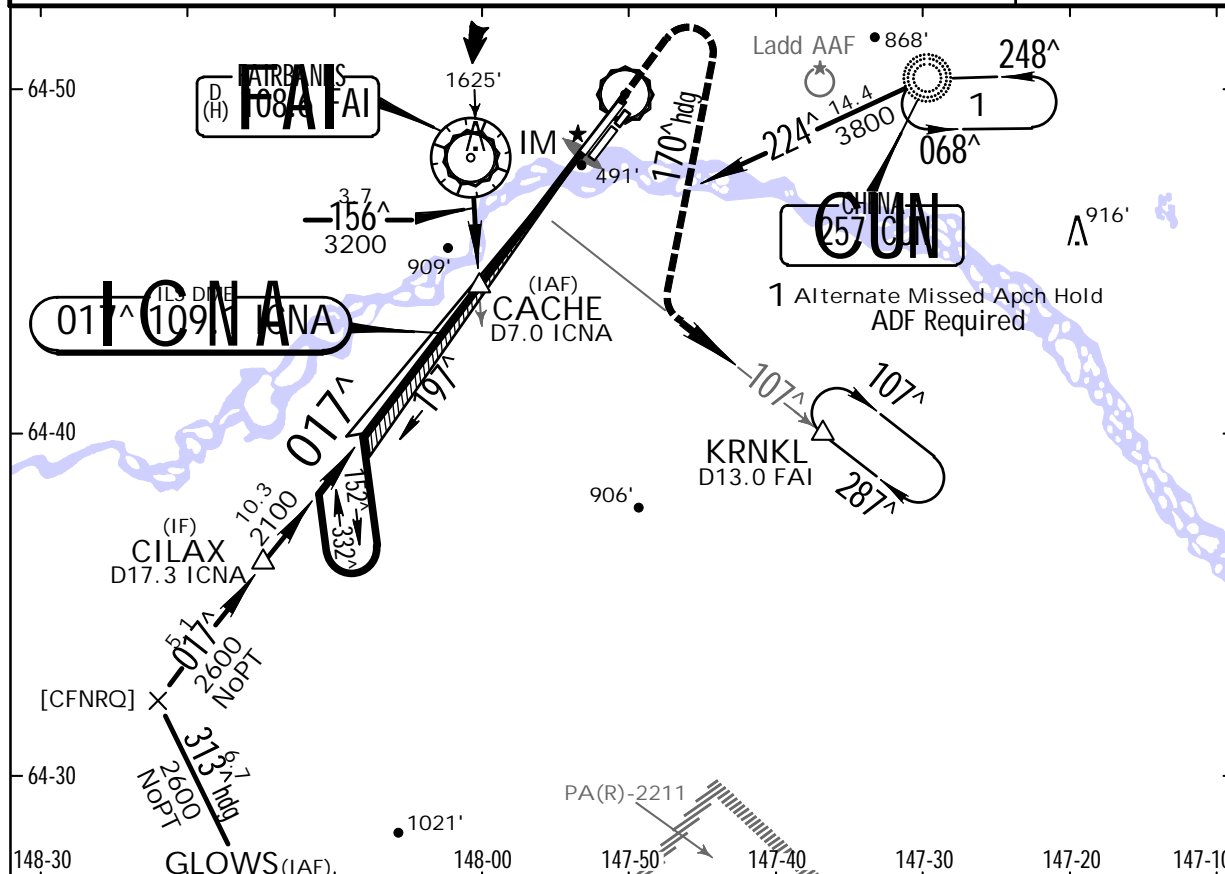
20 JUL 12
Eff. 26 Jul. **11-1B**

FAIRBANKS, ALASKA

ILS Rwy 2L SA CAT I

BRIEFING STRIP™

ATIS 124.4	FAIRBANKS Approach (R) 360°-179° 126.5	180°-359° 125.35	FAIRBANKS Tower 118.3	Ground 121.9
LOC ICNA 109.1	Final Apch Crs 017°	GS CACHE 2100' (1664')	SA CAT I ILS RA 139' DA(H) 586'(150')	Apt Elev 439' Rwy 2L 436'
MISSED APCH: Climb to 900' then climbing RIGHT turn to 5000' on heading 170° and outbound on FAI VOR R-107 to KRNL/D13.0 FAI and hold, continue climb-in-hold to 5000', or as directed by ATC.				4500'
Alt Set: INCHES 1. Special Aircrew & Acft Certification required. 2. DME required. 3. VGSI and ILS glidepath not coincident.				MSA FAI VOR



Gnd speed-Kts	70	90	100	120	140	160
GS	3.00°	372	478	531	637	849

TERPS. STRAIGHT-IN LANDING RWY 2L
1 SA CAT I ILS
RA 139'
DA(H) 586'(150')

A	
B	
C	
D	

RVR 14

PAFA/FAI

FAIRBANKS INTL

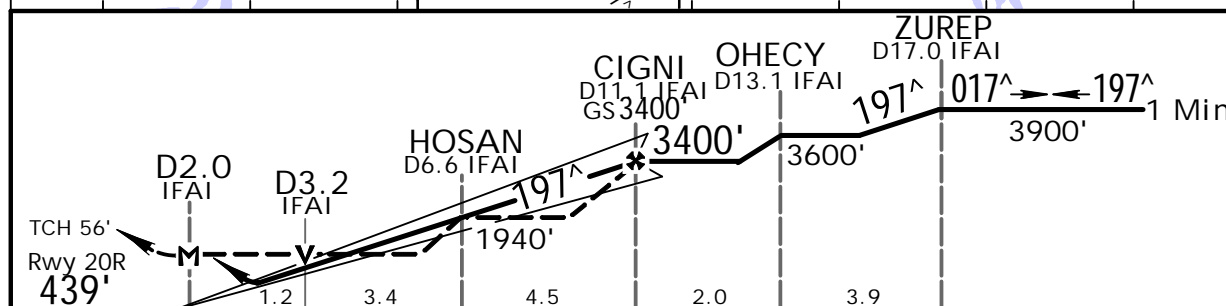
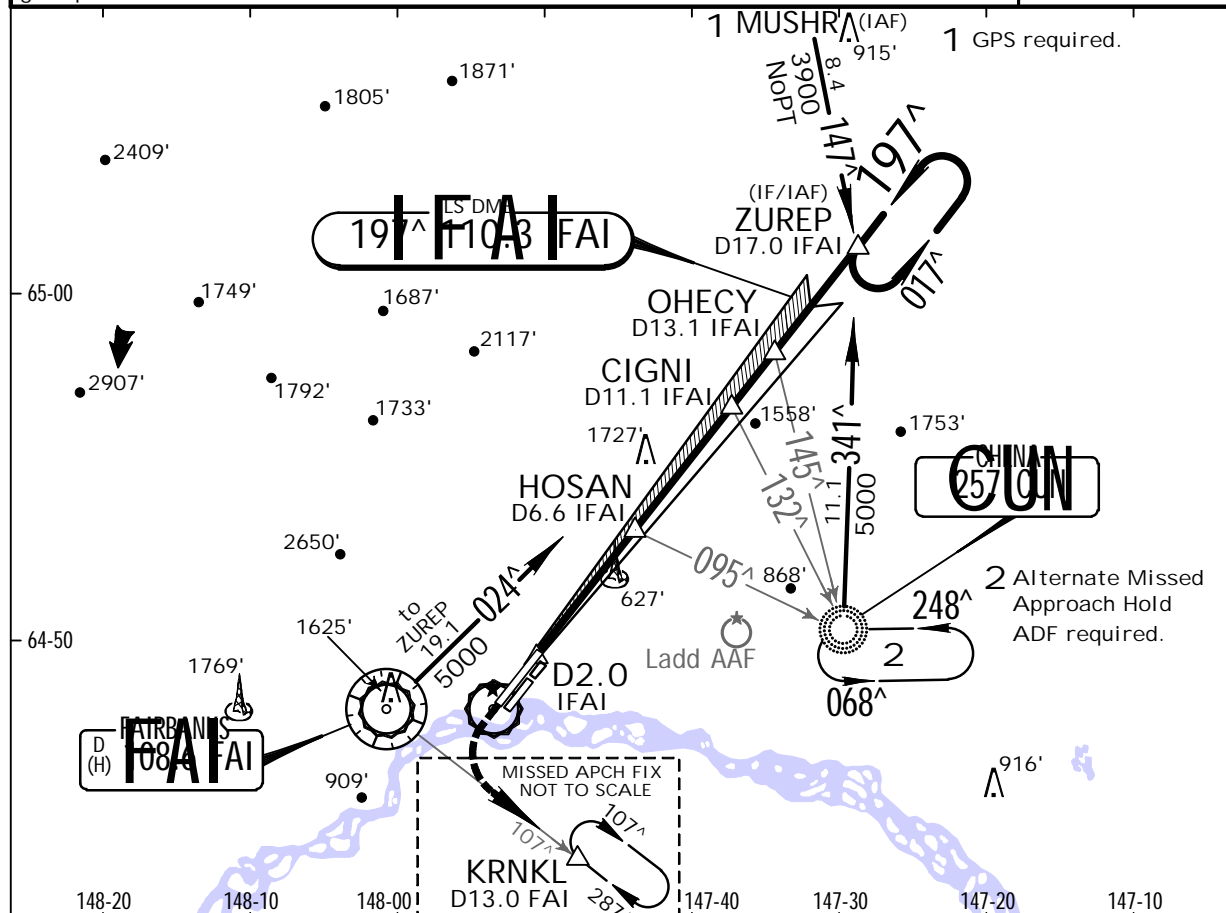
14 SEP 12 (11-2) .Eff.20.Sep.

FAIRBANKS, ALASKA

ILS or LOC Rwy 20R

BRIEFING STRIP™

ATIS		FAIRBANKS Approach (R) 360°-179^ 180°-359^		FAIRBANKS Tower	Ground
124.4		126.5	125.35	118.3	121.9
LOC IFAI	Final Apch Crs	GS CIGNI	ILS DA(H)	Apt Elev 439'	<div>4500'</div>
110.3	197^	3400' (2961')	639' (200')	Rwy 20R 439'	
MISSED APCH: Climb to 1100' then climbing LEFT turn to 3000' outbound on FAI VOR R-107 to KRNKL D13.0 FAI VOR, or as directed by ATC.					
Alt Set: INCHES		Trans level: FL 180		Trans alt: 18000'	
1. DME required. 2. Use IFAI DME when on the localizer course. 3. VGSI and ILS glidepath not coincident.					MSA FAI VOR



Gnd speed-Kts	70	90	100	120	140	160	MALSR PAPI	1100'	3000'	FAI	KRNKL
GS	3.00°	372	478	531	637	743		↑	LT	108.6	
MAP at D2.0 IFAI or CIGNI to MAP	9.1	7:48	6:04	5:28	4:33	3:54	3:25			R-107	

TERPS							CIRCLE-TO-LAND			
STRAIGHT-IN LANDING RWY 20R							Not Authorized West of Rwy 2L-20R			
ILS							2 With HOSAN			
DA(H) 639' (200')							Without HOSAN			
FULL							Max Kts			
RAIL or ALS out							MDA(H)			
RAIL out							90			
ALS out							120			
RVR 24 or 1/2							140			
RVR 40 or 3/4							165			
RVR 55 or 1							880'(441')-1			
RVR 60 or 1 1/4							900'(461')-1			
RVR 1 1/2							900'(461')-1 1/2			
RVR 3							1000'(561')-2			
RVR 45 or 7/8							1940'(1501')-1 1/4			
RVR 55 or 1							1940'(1501')-1 1/2			
RVR 1 3/8							1940'(1501')-3			

15 SEP 2012

PAFA/FAI

FAIRBANKS INTL

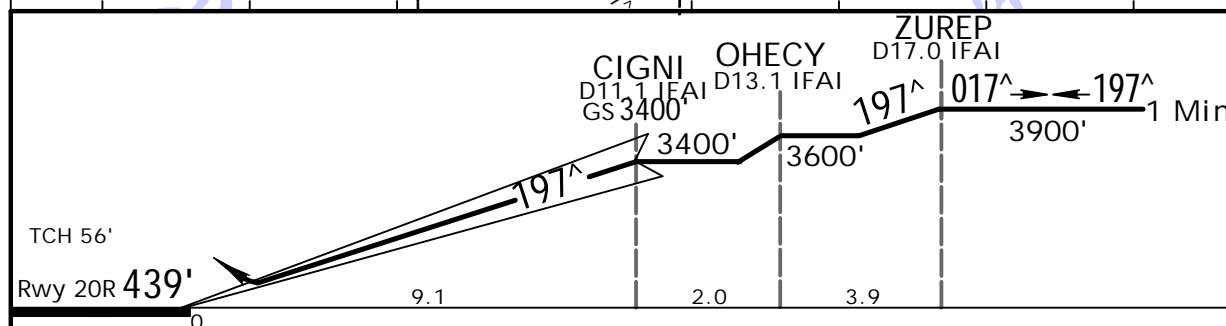
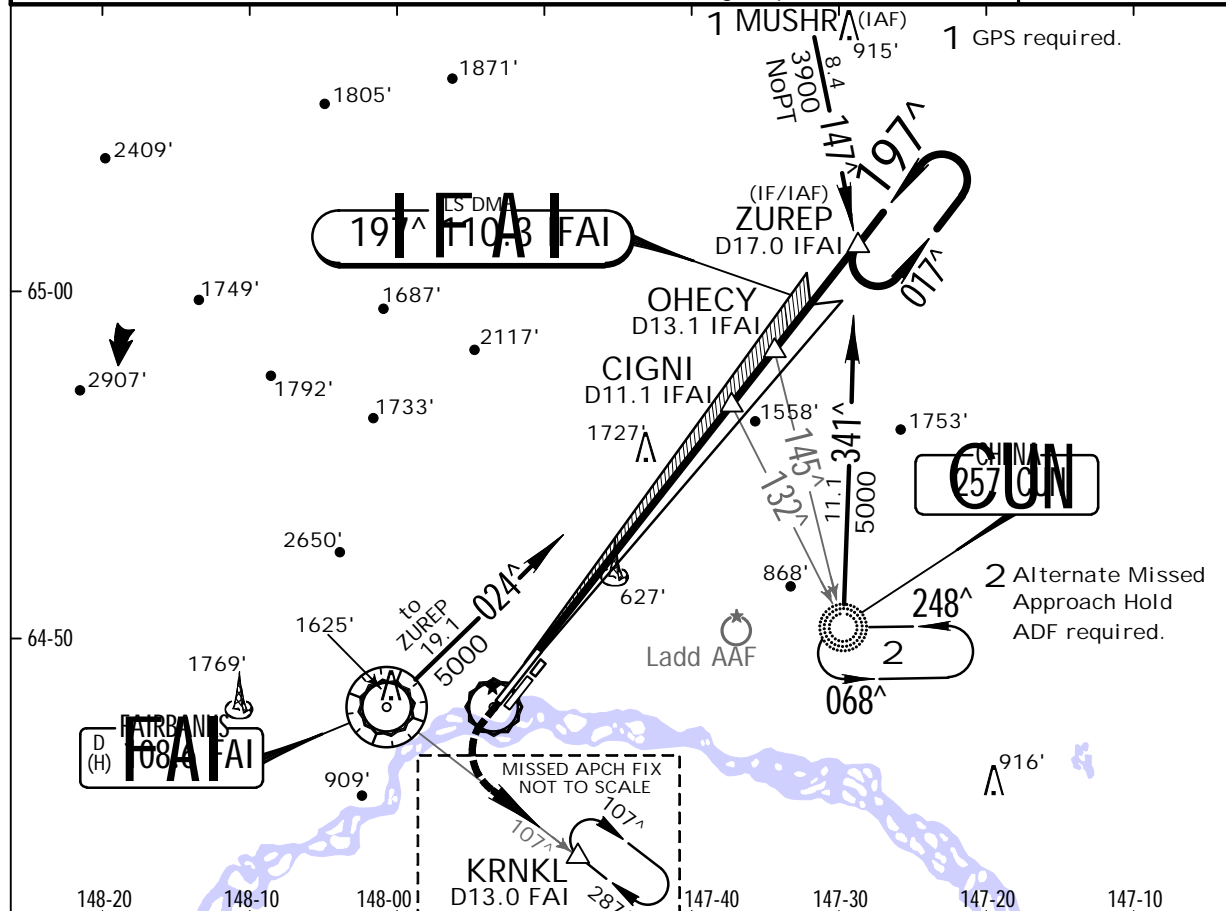
JEPPESSEN
14 SEP 12
Eff. 20 Sep. (11-2A)

FAIRBANKS, ALASKA

ILS Rwy 20R SA CAT I

BRIEFING STRIP™

ATIS 124.4	FAIRBANKS Approach (R) 360°-179° 126.5	FAIRBANKS Tower 180°-359° 125.35	Ground 118.3	121.9
LOC IFAI 110.3	Final Apch Crs 197°	GS CIGNI 3400' (2961')	SA CAT I ILS RA 149' DA(H) 589' (150')	Apt Elev 439' Rwy 20R 439'
MISSED APCH: Climb to 1100' then climbing LEFT turn to 3000' outbound on FAI VOR R-107 to KRNKL D13.0 FAI VOR, or as directed by ATC.				4500'
Alt Set: INCHES Trans level: FL 180 1. Special Aircrew & Acft Certification Required. 2. DME required. 3. Use IFAI DME when on the localizer course. 4. VGSI and ILS glidepath not coincident.				MSA FAI VOR



Gnd speed-Kts	70	90	100	120	140	160
GS	3.00°	372	478	531	637	743

TERPS. STRAIGHT-IN LANDING RWY20R
1 SA CAT I ILS
RA 149'
DA(H) 589' (150')

A	
B	
C	
D	

RVR 14

PAFA/FAI

FAIRBANKS INTL

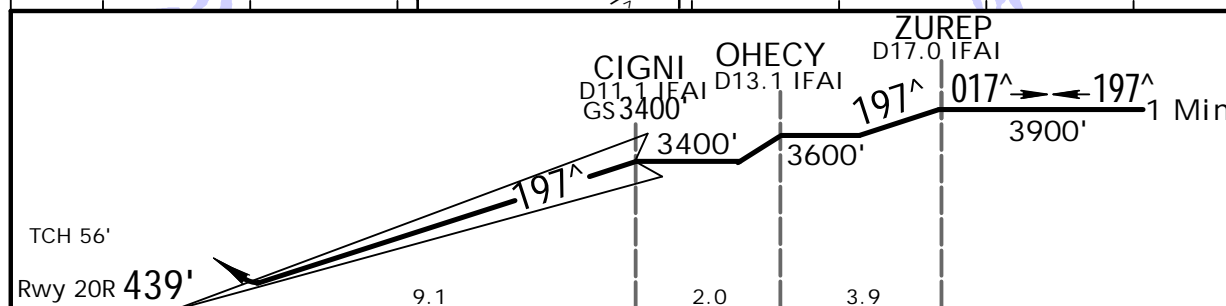
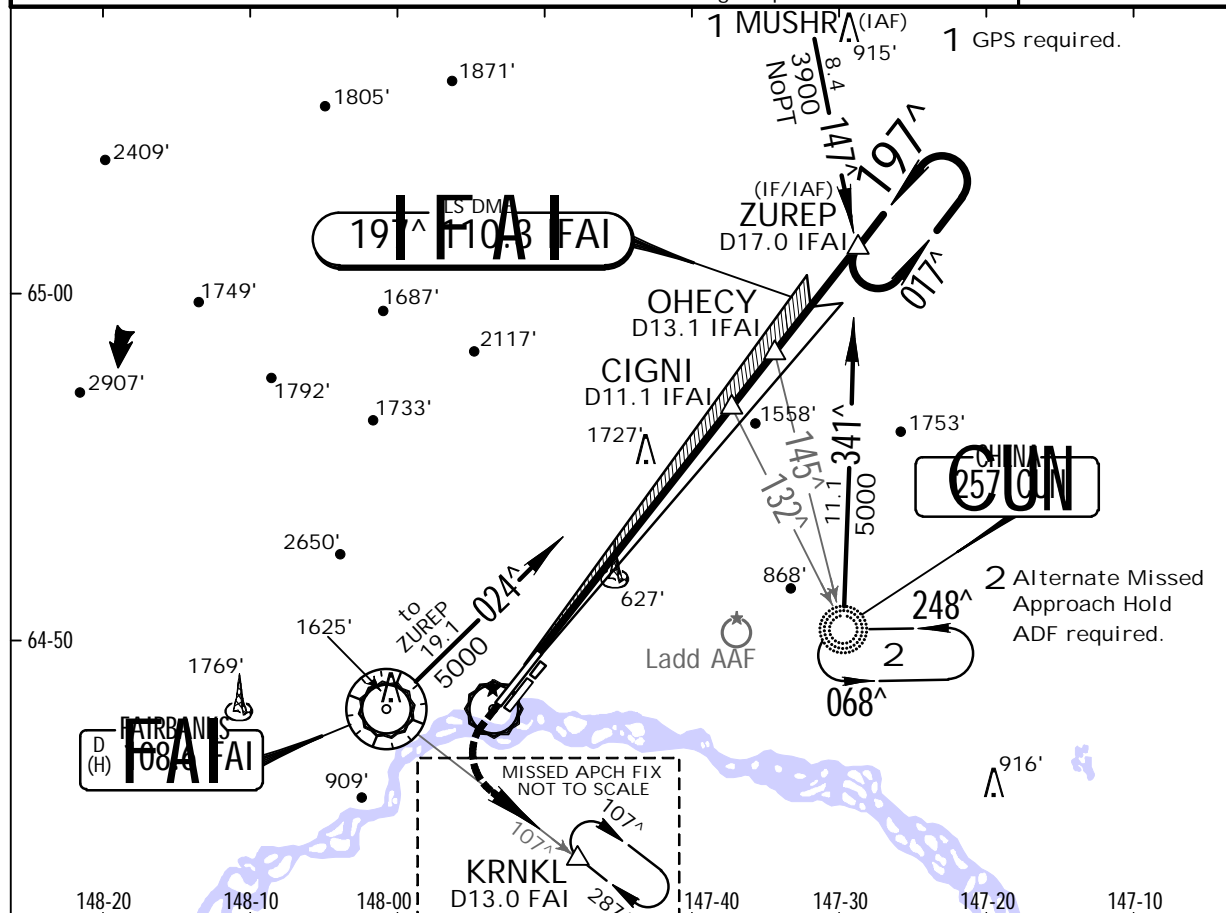
JEPPESSEN
14 SEP 12
Eff. 20 Sep. 11-2B

FAIRBANKS, ALASKA

ILS Rwy 20R SA CAT II

BRIEFING STRIP

ATIS 124.4	FAIRBANKS Approach (R) 360°-179° 126.5	FAIRBANKS Tower 180°-359° 125.35	Ground 118.3	121.9
LOC IFAI 110.3	Final Apch Crs 197°	GS CIGNI 3400' (2961')	SA CAT II ILS RA 99' DA(H) 539' (100')	Apt Elev 439' Rwy 20R 439'
MISSED APCH: Climb to 1100' then climbing LEFT turn to 3000' outbound on FAI VOR R-107 to KRNL D13.0 FAI VOR, or as directed by ATC.				4500'
Alt Set: INCHES Trans level: FL 180 1. Special Aircrew & Acft Certification Required. 2. DME required. 3. Use IFAI DME when on the localizer course. 4. VGSI and ILS glidepath not coincident.				MSA FAI VOR



Gnd speed-Kts	70	90	100	120	140	160
GS	3.00°	372	478	531	637	743

TERPS. STRAIGHT-IN LANDING RWY20R
1 SA CAT II ILS
RA 99'
DA(H) 539' (100')

A	
B	
C	
D	

RVR 12

PAFA/FAI

FAIRBANKS INTL

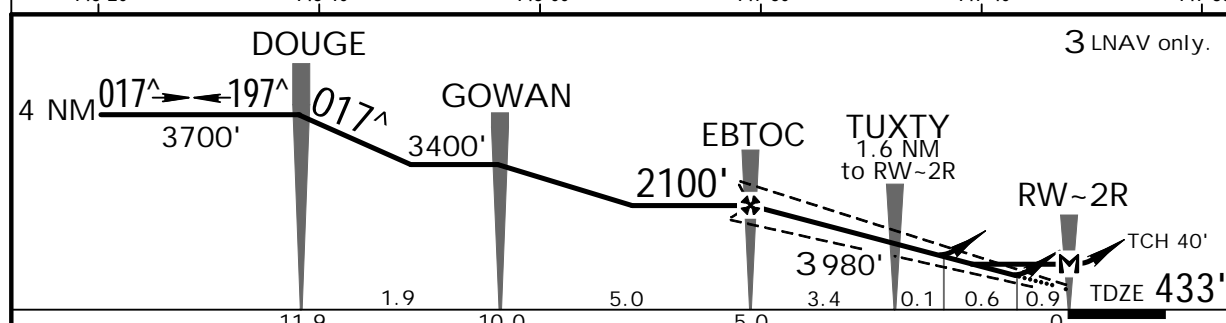
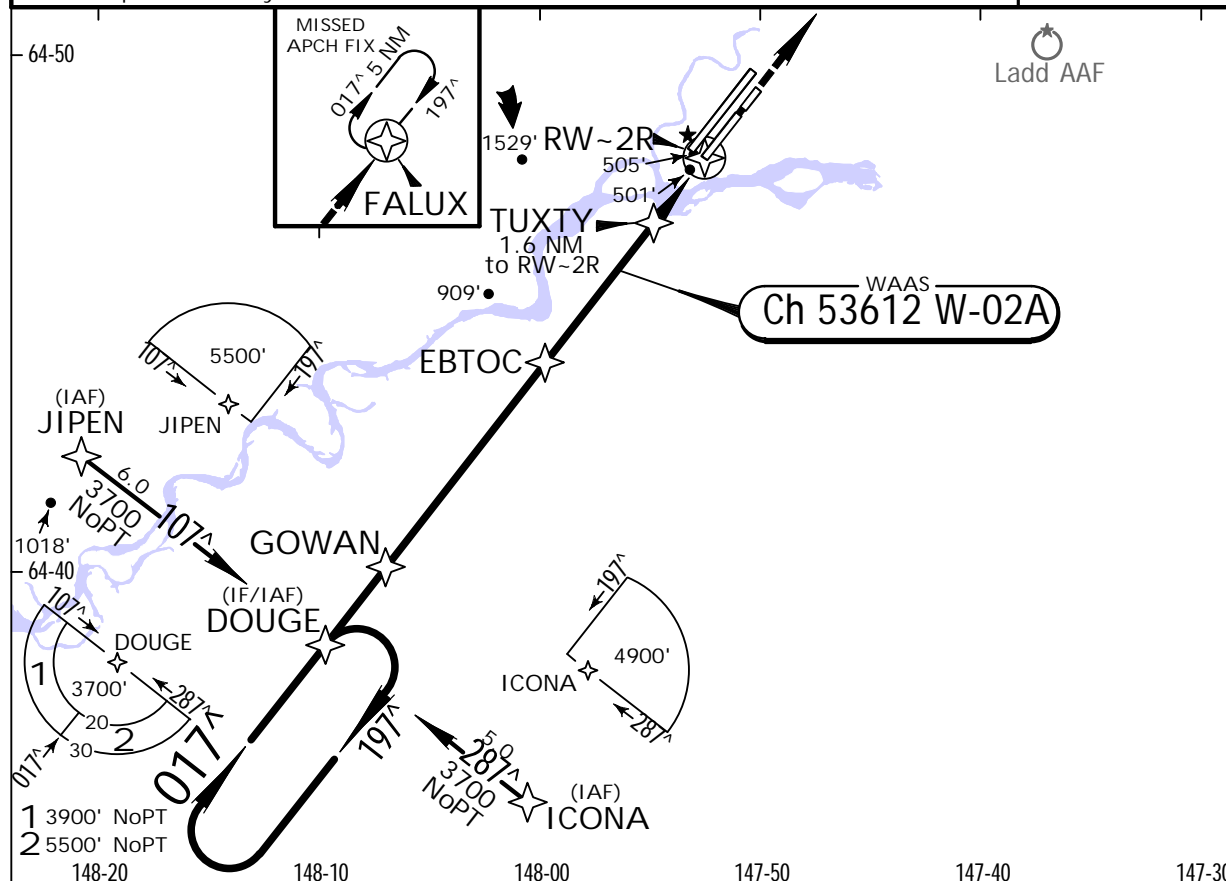
29 AUG 14 (12-2)

FAIRBANKS, ALASKA

RNAV (GPS) Rwy 2R

BRIEFING STRIP™

ATIS 124.4	FAIRBANKS Approach (R) 360°-179° 126.5	180°-359° 125.35	FAIRBANKS Tower 118.3	Ground 121.9
WAAS Ch 53612 W-02A	Final Apch Crs 017°	Minimum Alt EBTOC 2100' (1667')	LPV DA(H) 743' (310')	Apt Elev 439' TDZE 433'
MISSED APCH: Climb to 4900' direct FALUX and hold, continue climb-in-hold to 4900'.				
Alt Set: INCHES Trans level: FL 180 Trans alt: 18000'				
1. DME/DME RNP-0.30 not authorized. 2. For uncompensated Baro-VNAV systems, LNAV/VNAV not authorized below -25°C (-13°F) or above 48°C (118°F). 3. Helicopter visibility reduction below 3/4 SM not authorized.				
				TAA 30 NM IAF



Gnd speed-Kts	70	90	100	120	140	160			4900'		FALUX
Glide Path Angle 3.00°	372	478	531	637	743	849					
MAP at RW-2R											

STRAIGHT-IN LANDING RWY 2R				CIRCLE-TO-LAND	
LPV DA(H) 743' (310')	LNAV/VNAV DA(H) 937' (504')	LNAV MDA(H) 860' (427')		Not Authorized West of Rwy 2L-20R	
1	1 3/4	1	Max Kts.	MDA(H)	
			90	880' (441') -1	
			120	900' (461') -1	
			140	900' (461') -1 1/2	
			165	1000' (561') -2	

AMEND OB 18 SEP 2014

PAFA/FAI

FAIRBANKS INTL

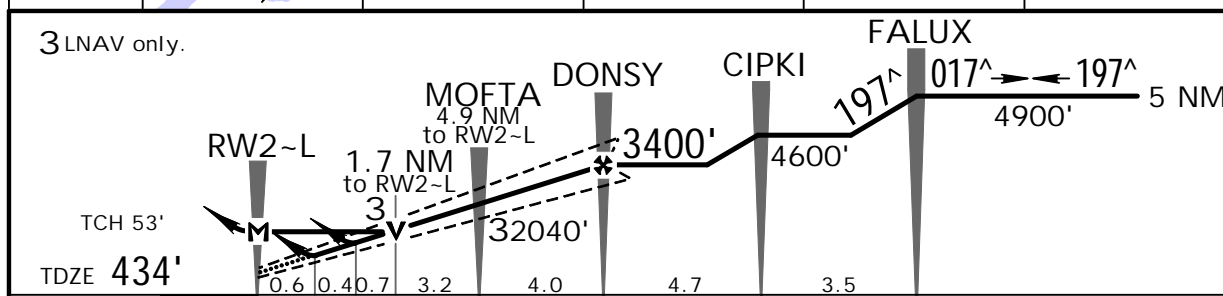
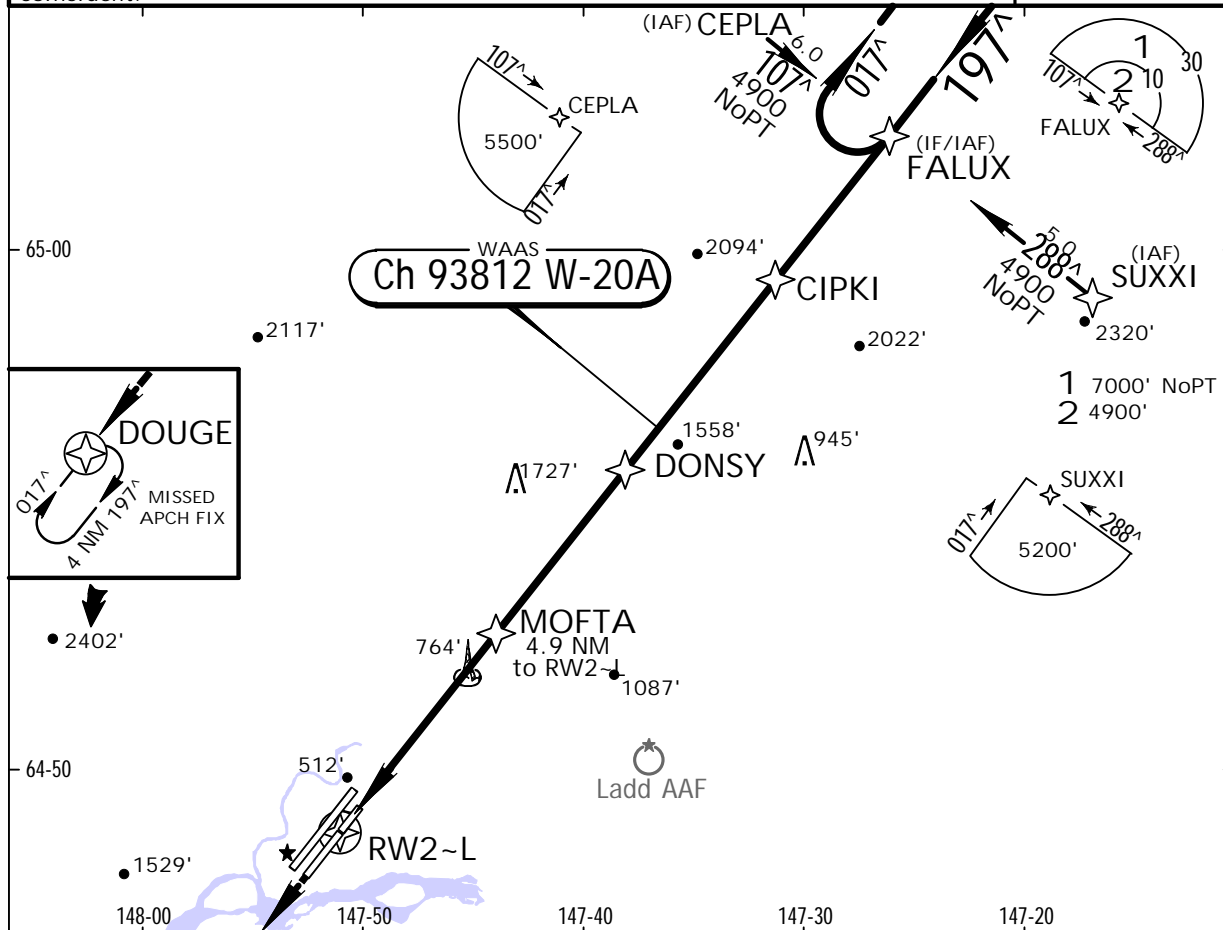
26 APR 13 (12-3)

FAIRBANKS, ALASKA

RNAV (GPS) Rwy 20L

BRIEFING STRIP™

ATIS	FAIRBANKS Approach (R)	FAIRBANKS Tower	Ground
124.4	360°-179° 126.5 125.35	118.3	121.9
WAAS Ch 93812 W-20A	Final Apch Crs 197°	Minimum Alt DONS 3400' (2966')	LPV DA(H) 684' (250')
		Apt Elev 439'	TDZE 434'
MISSED APCH: Climb to 3700' direct DOUGE and hold, continue climb-in-hold to 3700'.			
Alt Set: INCHES Trans level: FL 180 Trans alt: 18000'			
1. DME/DME RNP-0.30 not authorized. 2. For uncompensated Baro-VNAV systems, LNAV/VNAV not authorized below -25°C (-13°F) or above 48°C (118°F). 3. Helicopter visibility reduction below 3/4 SM not authorized. 4. VGSI and RNAV glidepath not coincident.			
			TAA 30 NM IAF



Gnd speed-Kts	70	90	100	120	140	160	REIL	3700'	DOUGE
Glide Path Angle	3.00°	372	478	531	637	743	PAPI-L		
MAP at RW2-L									

STRAIGHT-IN LANDING RWY 20L			CIRCLE-TO-LAND	
LPV	LNAV/VNAV	LNAV	Not Authorized West of Rwy 2L-20R	
DA(H)	DA(H)	MDA(H)	Max Kts	MDA(H)
684' (250')	813' (379')	1020' (586')	90	1020' (581')-1
			120	
			140	1020' (581')-1½
			160	

IS AMEND 08 2 MAY 2013

PAFA/FAI

FAIRBANKS INTL

JEPPESSEN
26 APR 13 (12-4)

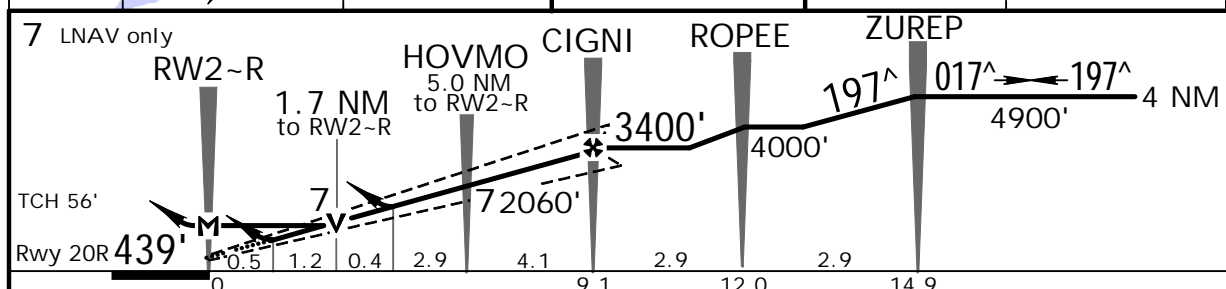
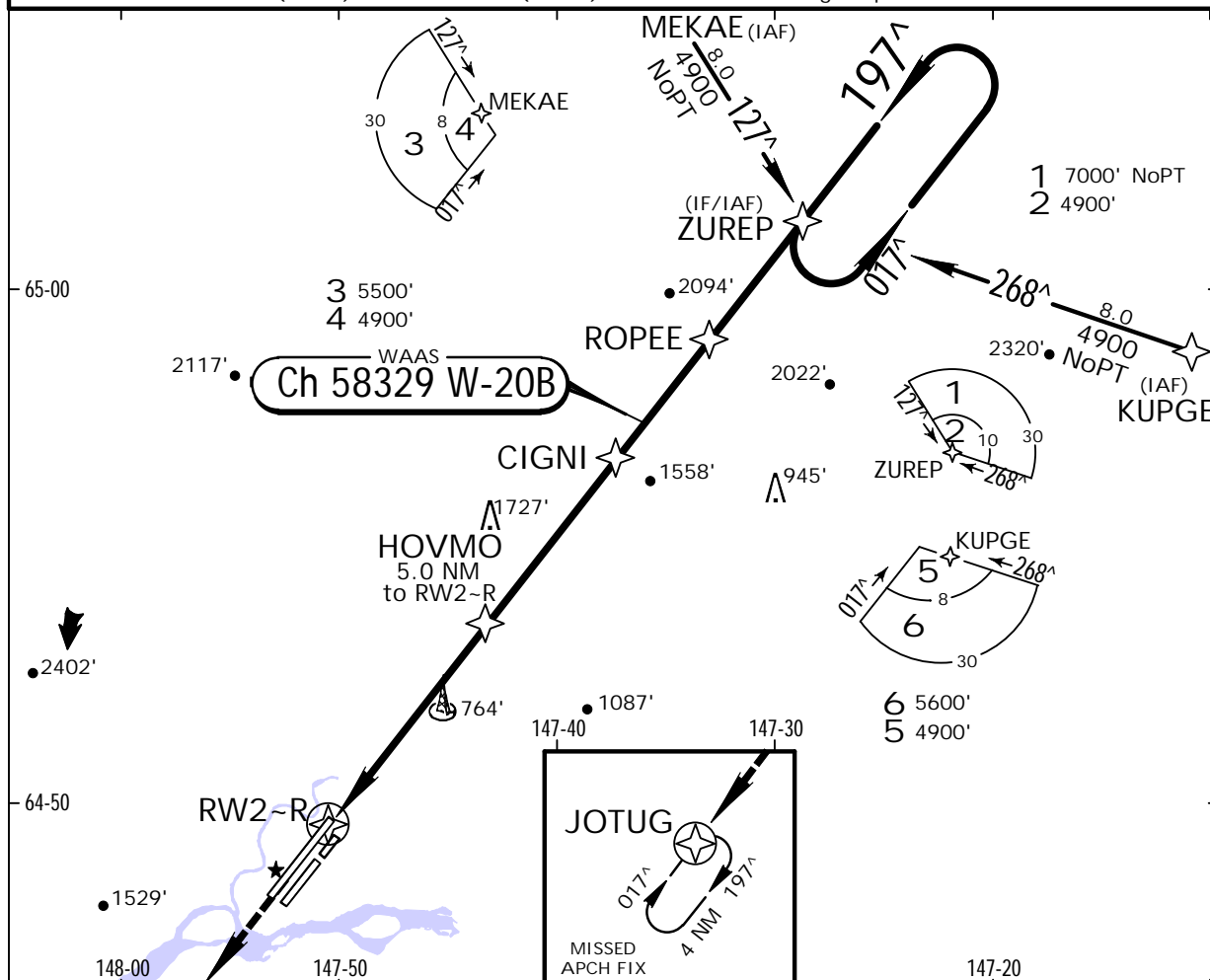
FAIRBANKS, ALASKA

RNAV (GPS) Y Rwy 20R

BRIEFING STRIP

ATIS	FAIRBANKS Approach (R)		FAIRBANKS Tower		Ground
124.4	360°-179°	180°-359°	126.5	125.35	118.3
121.9	126.5	125.35	118.3	121.9	
WAAS Ch 58329 W-20B	Final Apch Crs 197°	Minimum Alt CIGNI 3400' (2961')	LPV DA(H) 639' (200')	Apt Elev 439' Rwy 20R 439'	TAA 30 NM IAF
MISSED APCH: Climb to 3000' direct JOTUG and hold.					

Alt Set: INCHES Trans level: FL 180 Trans alt: 18000'
1. DME/DME RNP-0.30 not authorized. 2. For uncompensated Baro-VNAV systems, LNAV/VNAV not authorized below -43°C (-45°F) or above 40°C (104°F). 3. VGSI and RNAV glidepath not coincident.



Gnd speed-Kts	70	90	100	120	140	160	MALSR	3000'	JOTUG
Glide Path Angle	3.00°	372	478	531	637	743	PAPI		
MAP at RW2-R									

TERPS		STRAIGHT-IN LANDING RWY 20R		CIRCLE-TO-LAND	
LPV	DA(H)	RAIL or ALS out	RAIL or ALS out	MDA(H)	Not Authorized West of Rwy 2L-20R
639' (200')	1148' (709')	1020' (581')			
RVR 24 or 1/2	RVR 40 or 3/4	2	2 3/8	RVR 24 or 1/2	RVR 40 or 3/4
				RVR 55 or 1	
				RVR 60 or 1 1/2	
				1 3/8	1 3/4

IS AMEND 1 20 SEP 2012

PAFA/FAI

FAIRBANKS INTL

14 SEP 12
Eff. 20 Sep. (12-20)

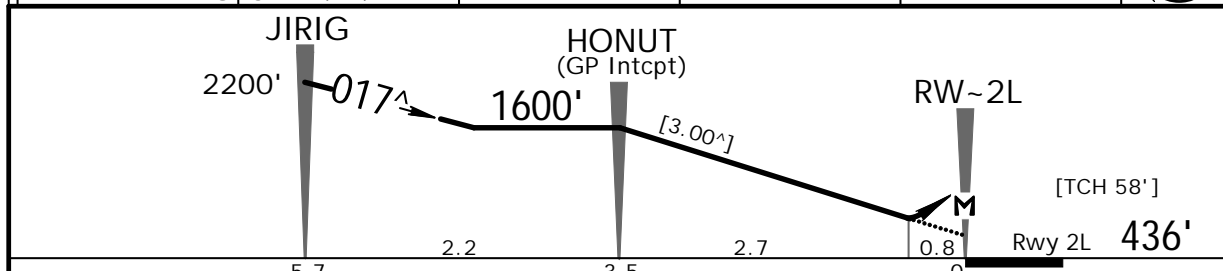
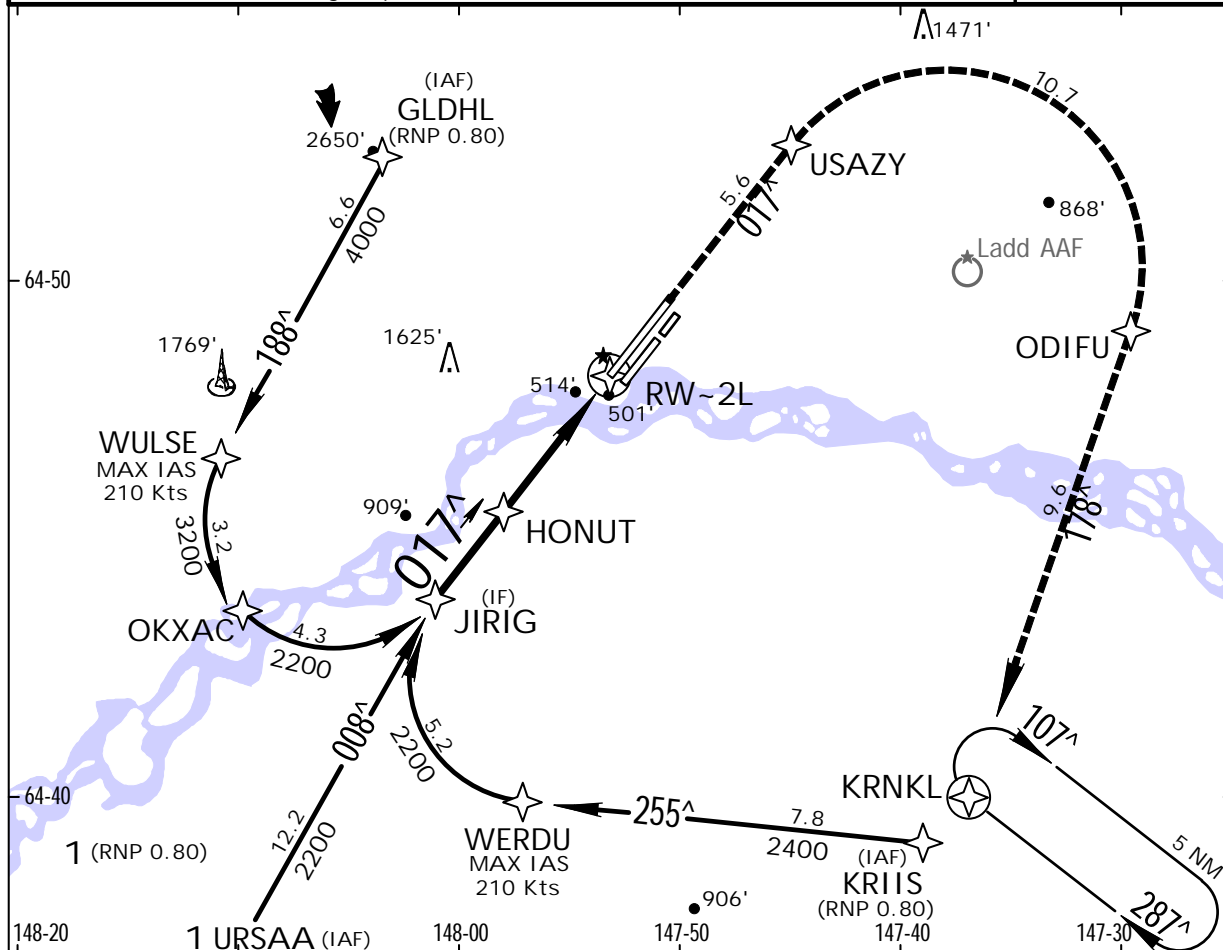
JEPPesen

FAIRBANKS, ALASKA

RNAV (RNP) Z Rwy 2L

BRIEFING STRIP™

ATIS		FAIRBANKS Approach (R) 360°-179^ 180°-359^		FAIRBANKS Tower		Ground	
124.4		126.5 125.35		118.3		121.9	
RNAV	Final Apch Crs 017^	Minimum Alt HONUT 1600' (1164')	RNP 0.15 DA(H) 746' (310')	Apt Elev 439' Rwy 2L 436'	<div>4400'</div> <div>MSA RW~2L</div>		
MISSED APCH: Climb to 5000' on track 017^ to USAZY and RIGHT turn to ODIFU and on track 178^ to KRNKL and hold.							
Alt Set: INCHES Trans level: FL 180 Trans alt: 18000' 1. AUTHORIZATION REQUIRED. 2. GPS and RF required. 3. For uncompensated Baro-VNAV systems, procedure not authorized below -15°C (5°F) or above 47°C (117°F). 4. VGSI and RNAV glidepath not coincident.							



Gnd speed-Kts	70	90	100	120	140	160	ALSIF-II		5000'	on 017°	USAZY
Descent Angle [3.00°]	372	478	531	637	743	849	PAPI		↑		
MAP at DA											

TERPS		STRAIGHT-IN LANDING RWY 2L		RNP 0.30	
RNP 0.15 Missed approach requires a min climb of 230'/NM to 2500'		RNP 0.30 Missed approach requires a min climb of 215'/NM to 2500'		RNP 0.30	
DA(H) 746' (310')		DA(H) 834' (398')		DA(H) 896' (460')	
ALS out		ALS out		ALS out	
A	RVR 24 or 1/2	B	RVR 50 or 1	C	RVR 45 or 7/8
A	RVR 24 or 1/2	B	RVR 50 or 1	C	RVR 60 or 1 1/4
A	RVR 24 or 1/2	B	RVR 50 or 1	C	RVR 50 or 1
A	RVR 24 or 1/2	B	RVR 50 or 1	C	1 1/2

15 SEP 2012

PAFA/FAI

FAIRBANKS INTL

14 SEP 12
Eff. 20 Sep. (12-21)

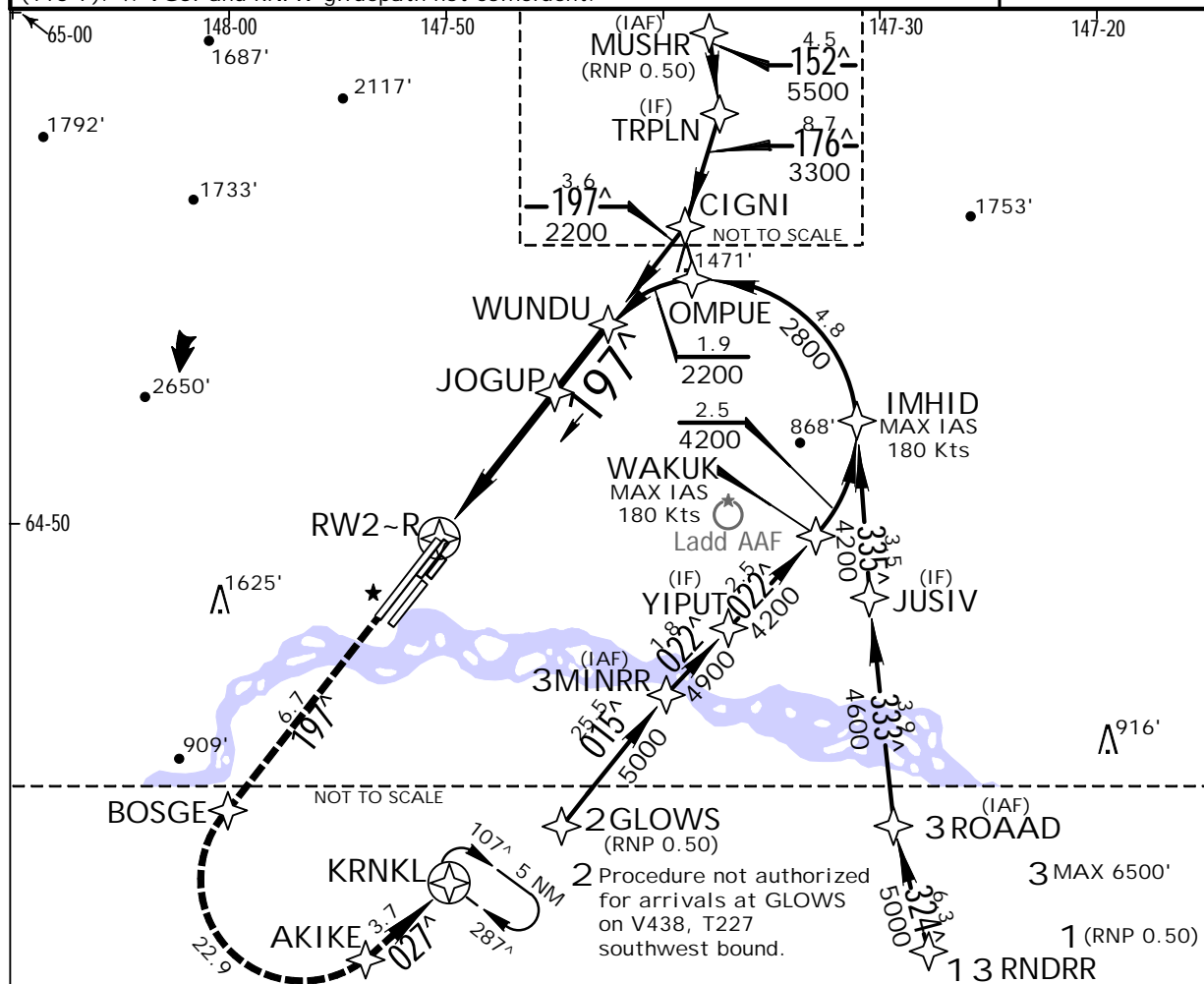
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FAIRBANKS, ALASKA

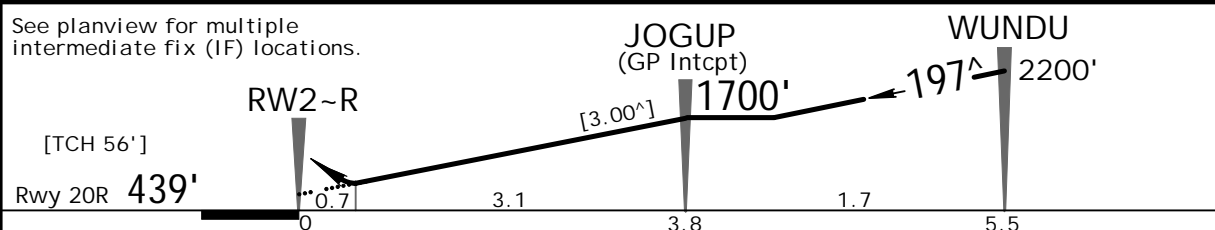
RNAV (RNP) Z Rwy 20R

BRIEFING STRIP

ATIS 124.4		FAIRBANKS Approach (R) 360°-179° 126.5		180°-359° 125.35		FAIRBANKS Tower 118.3		Ground 121.9	
RNAV	Final Apch Crs 197^	Minimum Alt JOGUP 1700'(1261')		RNP 0.10 DA(H) 724'(285')		Apt Elev 439' Rwy 20R 439'		<div><div>4500'</div><div>MSA RW2-R</div></div>	
MISSED APCH: Climb to 4000' on track 197^ to BOSGE then LEFT turn to AKIKE then on track 027^ to KRNKL and hold.									
Alt Set: INCHES									



See planview for multiple intermediate fix (IF) locations.



Gnd speed-Kts	70	90	100	120	140	160	MALSR PAPI 4000' on 197° BOSGE
Descent Angle [3.00°]	372	478	531	637	743	849	
MAP at DA							

TERPS STRAIGHT-IN LANDING RWY 20R							
RNP 0.10			RNP 0.22			RNP 0.30	
DA(H) 724' (285')			DA(H) 800' (361')			DA(H) 924' (485')	
RAIL out	ALS out		RAIL out	ALS out		RAIL out	ALS out
A B C	RVR 24 or 1/2	RVR 40 or 3/4	RVR 45 or 7/8	RVR 40 or 3/4	1 1/8	RVR 60 or 1 1/8	1 5/8

15 AMEND 0 20 SEP 2012

PAFA/FAI
FAIRBANKS INTL

18 JUL 14

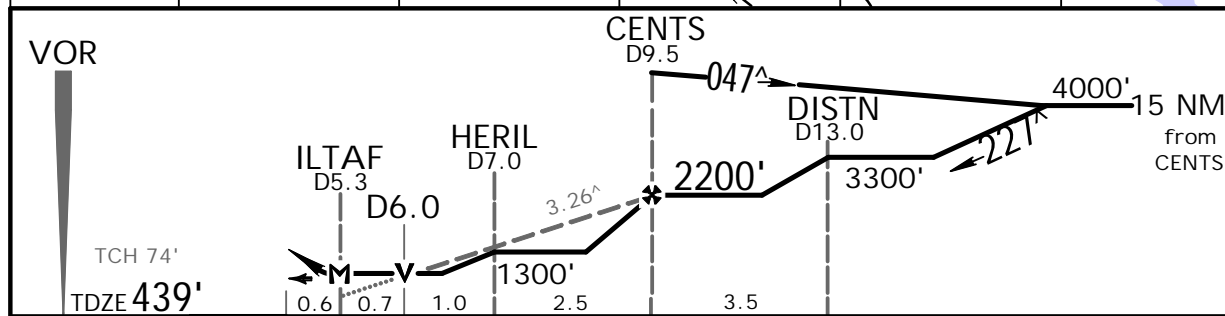
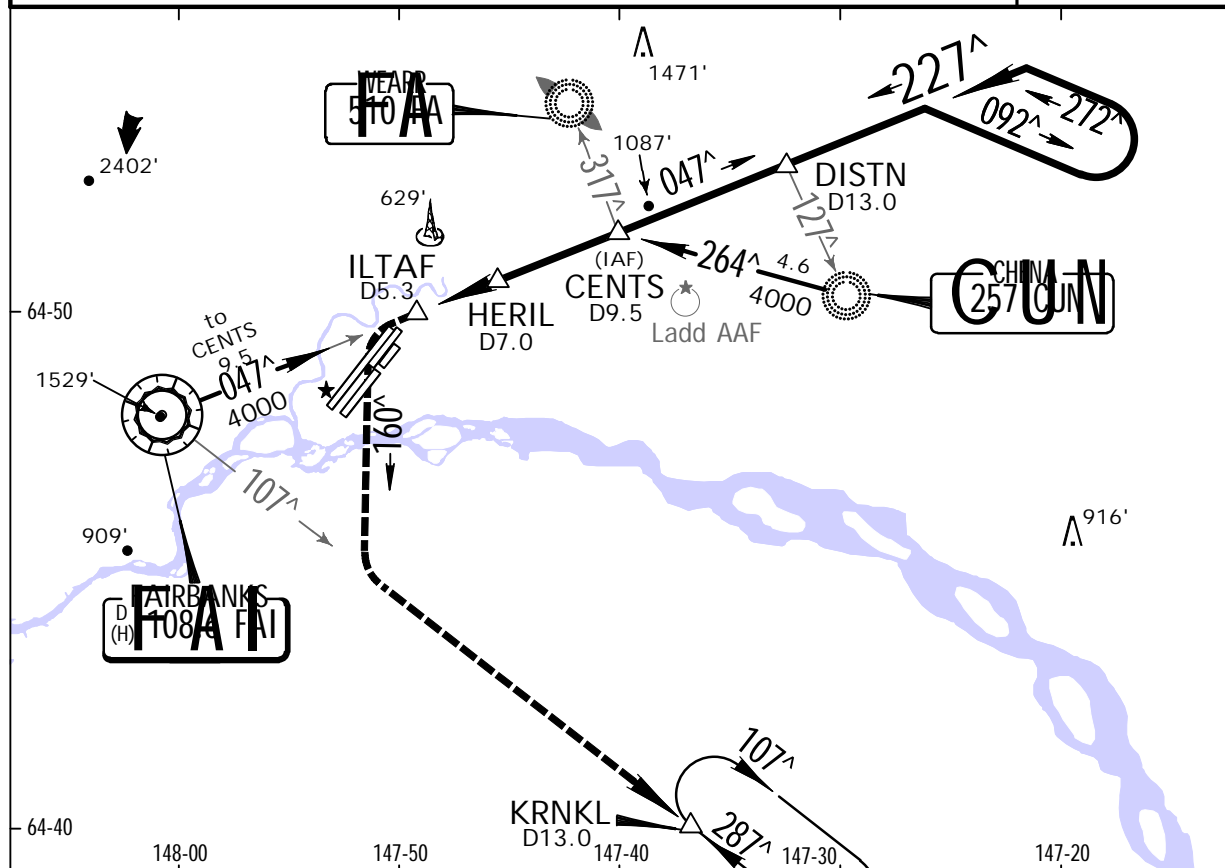
(13-1)

Eff. 24 Jul.

FAIRBANKS, ALASKA
VOR DME Rwy 20R

BRIEFING STRIP

ATIS 124.4	FAIRBANKS Approach (R) 360°-179° 126.5	180°-359° 125.35	FAIRBANKS Tower 118.3	Ground 121.9
VOR FAI 108.6	Final Apch Crs 227°	Minimum Alt CENTS 2200' (1761')	MDA(H) (CONDITIONAL) 940' (501')	Apt Elev 439' TDZE 439'
MISSED APCH: Climbing LEFT turn to 4000' on heading 160° and FAI VOR R-107 to KRNL/D13.0 and hold, continue climb-in-hold to 4000'.				
Alt Set: INCHES Trans level: FL 180 Trans alt: 18000' 1. VGS and descent angles not coincident. 3. Helicopter visibility reduction below RVR 4000 not authorized. 4. Inoperative table does not apply.				
				4500'
				MSA FAI VOR



Gnd speed-Kts	70	90	100	120	140	160
Descent angle 3.26°	404	519	577	692	808	923
MAP at ILTAF or CENTS to MAP 4.2	3:36	2:48	2:31	2:06	1:48	1:35

TERPS.		STRAIGHT-IN LANDING RWY 20R		CIRCLE-TO-LAND Not Authorized West of Rwy 2L-20R	
		MDA(H) 940' (501')		<div>C</div>	
		RAIL out		ALS out	
A	RVR 55 or 1			Max Kts	MDA(H)
B				90	940' (501') - 1
C				120	940' (501') - 1½
D				140	1000' (561') - 2
	1¾			165	

CYOD/YOD

JEPPESEN

COLD LAKE, ALTA

GROUP CAPTAIN MCNAIR

31 JAN 14

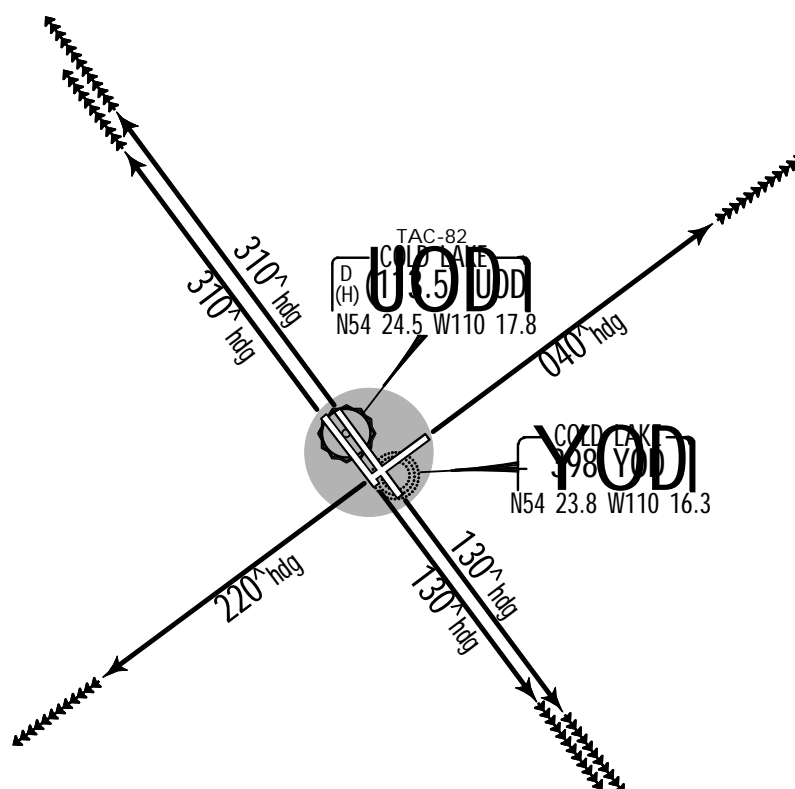
10-3

.Eff.6.Feb.

.SID.

COLD LAKE Terminal 124.5	Apt Elev 1775'	Trans level: FL 180 Trans alt: 18000' 1. Safe Altitude within 100 NM 4300'. 2. Climb to and MAINTAIN 6000'.
--------------------------------	-------------------	--

COLD LAKE FOUR DEPARTURE (CYOD4.) (VECTOR)



LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼

Transponder mode A/3 code 7600.

On recognition of communications failure 3 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Upon reaching 6000' or last assigned altitude, whichever is higher, proceed on course,
2. MAINTAIN this altitude for 3 minutes after take-off, then
3. Climb to flight planned altitude; not above FL190 until 25 NM outbound.

NOTE: If communication failure occurs more than 3 minutes after take-off, comply with the appropriate procedure for communication failure enroute.

▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲



INITIAL CLIMB	ALTITUDE
Climb runway heading for RADAR vectors	MAINTAIN 6000'

CYOD/YOD

+JEPPESEN

2 NOV 07

10-4

.NOISE.
COLD LAKE, ALTA
GROUP CAPTAIN MCNAIR**NOISE ABATEMENT PROCEDURES**

DAYLIGHT: LT plus 6 HOURS=UTC(Z)

STANDARD: LT plus 7 HOURS=UTC(Z)

ARRIVAL PROCEDURES

- a. Weekend 04-1330Z(DT03-1230Z), Weekends from Fri 0400Z (DT0300Z) to Mon 1330Z (DT1230Z) and holidays all day. Fixed wing jet aircraft - straight in VFR or IFR recovery only, no overhead breaks (unless prior approval from Wing Ops), rotary wing aircraft recover via the W, S or SE only.
- b. Day and night operations within 60 NM VFR flights advised to avoid area unless in contact with Tower.
- c. Jet aircraft circuit altitude is 3200', conventional circuit altitude is 2500'.
- d. Jet aircraft in the circuit will maintain 3200' until commencing base turn.
- e. Jet aircraft straight-in approaches, maintain 3000' as long as practicable before commencing final descent.
- f. When Rwy13 in use, remain on or above the PAR or PAPI glide slope to the extent practicable. Consistent with safety of operations, aircraft should be flown on the approach so as to give the best possible performance with respect to noise abatement.
- g. In VFR conditions aircraft on overshoot, or departures, not to exceed 2500' until departure end of runway in use.

CYOD/YOD

GROUP CAPTAIN MCNAIR

12 SEP 14

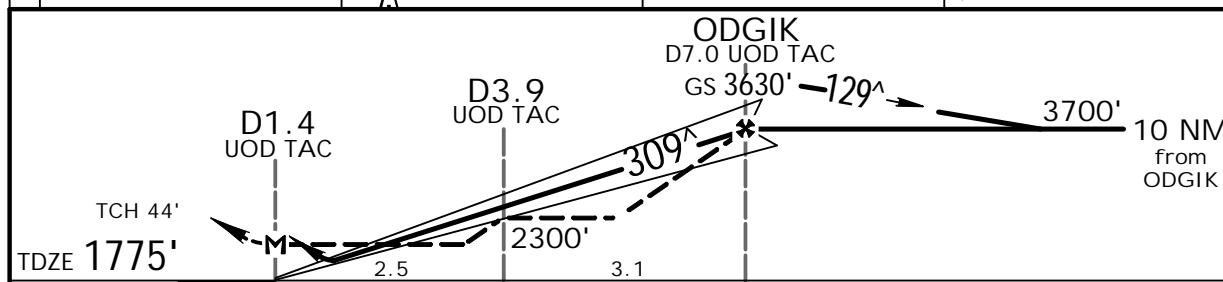
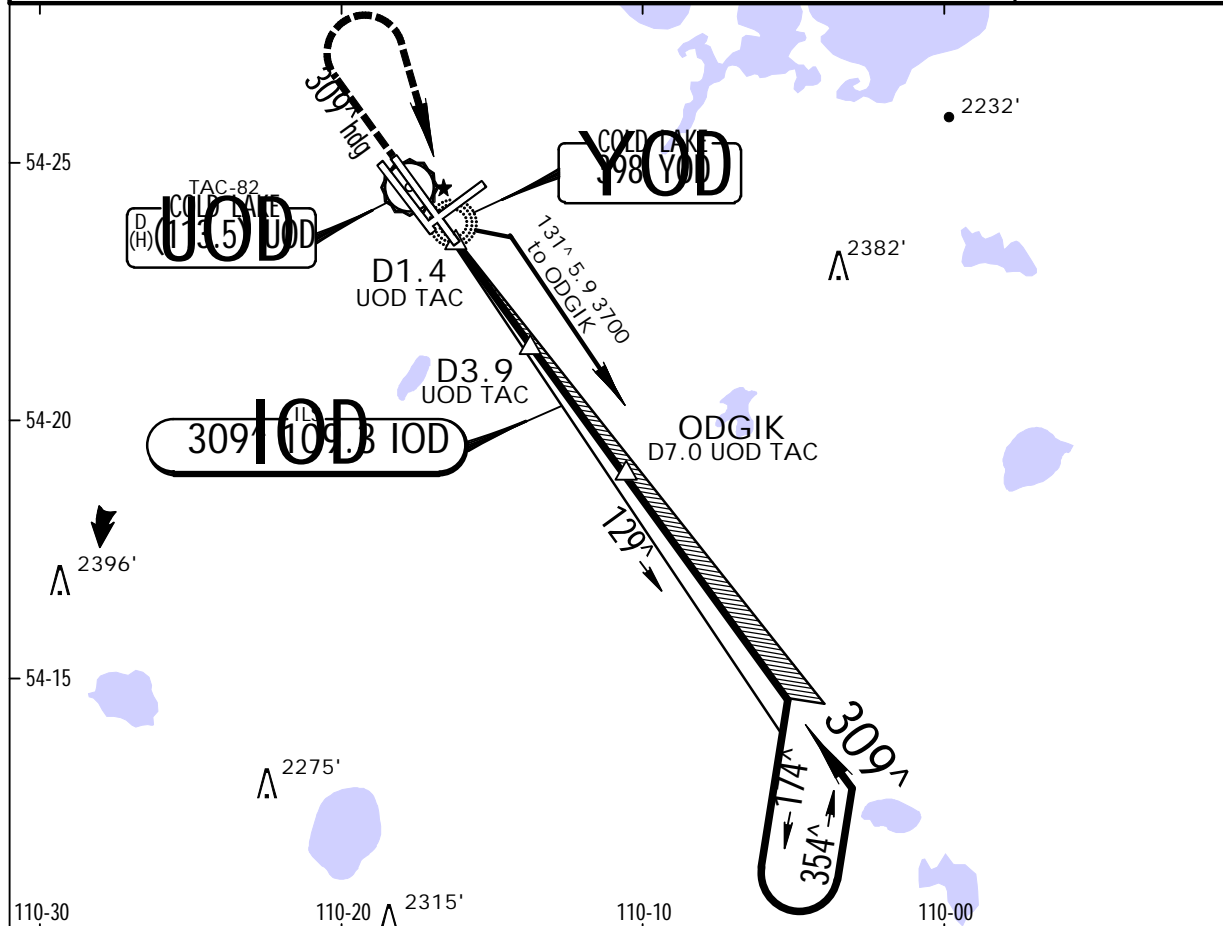
(11-1)

.Eff.18.Sep.

COLD LAKE, ALTA
ILS Z Rwy 31R

BRIEFING STRIP

COLD LAKE Arrival		COLD LAKE Tower		Ground	
124.5		126.2		121.9	
LOC IOD 109.3	Final Apch Crs 309^	GS ODGIK 3630' (1855')	ILS DME DA(H) 1975' (200')	Apt Elev 1775' TDZE 1775'	<div>3800'</div>
MISSED APCH: Climb to 5000' on heading of 309^. RIGHT turn to YOD NDB.					
Alt Set: INCHES Trans level: FL 180 Trans alt: 18000'					
1. SAFE ALTITUDE WITHIN 100 NM 4300'. 2. PAPI not coincident with ILS glidepath.					MSA UOD TAC



Gnd speed-Kts	70	90	100	120	140	160	SSALR	5000'	309 [^]	RT	YOD 398
GS	3.00 [^]	372	478	531	637	743	PAPI	↑	on		
MAP at D1.4 UOD TAC or ODGIK to MAP	5.6	4:48	3:44	3:22	2:48	2:24					

STRAIGHT-IN LANDING RWY 31R				CIRCLE-TO-LAND	
ILS DME		LOC (GS out) DME			
DA(H) 1975' (200')		MDA(H) 2120' (345')			
FULL	HIALS out		HIALS out	Max Kts.	MDA(H)
A				90	2280' (505') - 1½
B				120	
C	RVR 26 or ½	RVR 40 or ¾	RVR 50 or 1	140	2280' (505') - 2
D				165	2480' (705') - 2¼

CYOD/YOD

Apt Elev 1775'

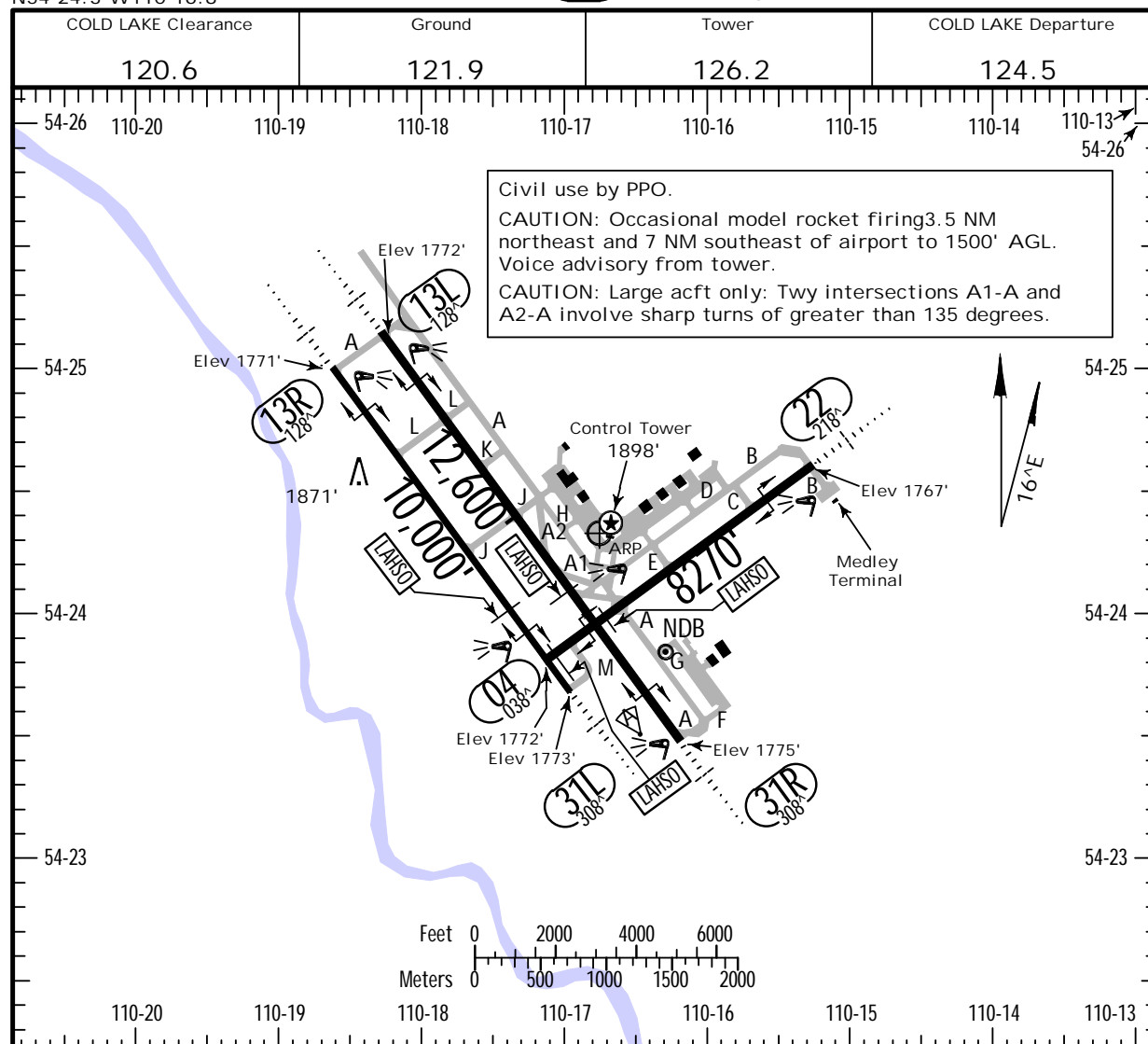
N54 24.3 W110 16.8

12 SEP 14

(11-1)

.Eff.18.Sep. GROUP CAPTAIN MCNAIR

COLD LAKE, ALTA



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS				TAKE-OFF	WIDTH
		Threshold	Landing Beyond Glide Slope	LAHSO Distance			
04	HIRL 1 PAPI-L (angle 3.0°)						
22	HIRL 2 SSALR SFL 1 3 PAPI-L			13L/31R 6400' 13R/31L 7900'			200'
13R	HIRL SSALR 1 PAPI-L (angle 3.0°)			04/22 8705'			150'
31L	HIRL SSALR 1 PAPI-L (angle 3.0°)			04/22 8705'			
13L	HIRL SSALR 1 PAPI-L (angle 3.0°)			04/22 8705'			200'
31R	HIRL SSALR 1 PAPI-L (angle 3.0°) RVR		11,790' 3594m				

1 For aircraft with eye-to-wheel height up to 25'.

2 Non-standard 2200'.

3 Angle 3.0°.

TAKE-OFF			
All Rwy's			
A			
B			
C			
D			

RVR 26 or 1/2

CYOD/YOD

GROUP CAPTAIN MCNAIR

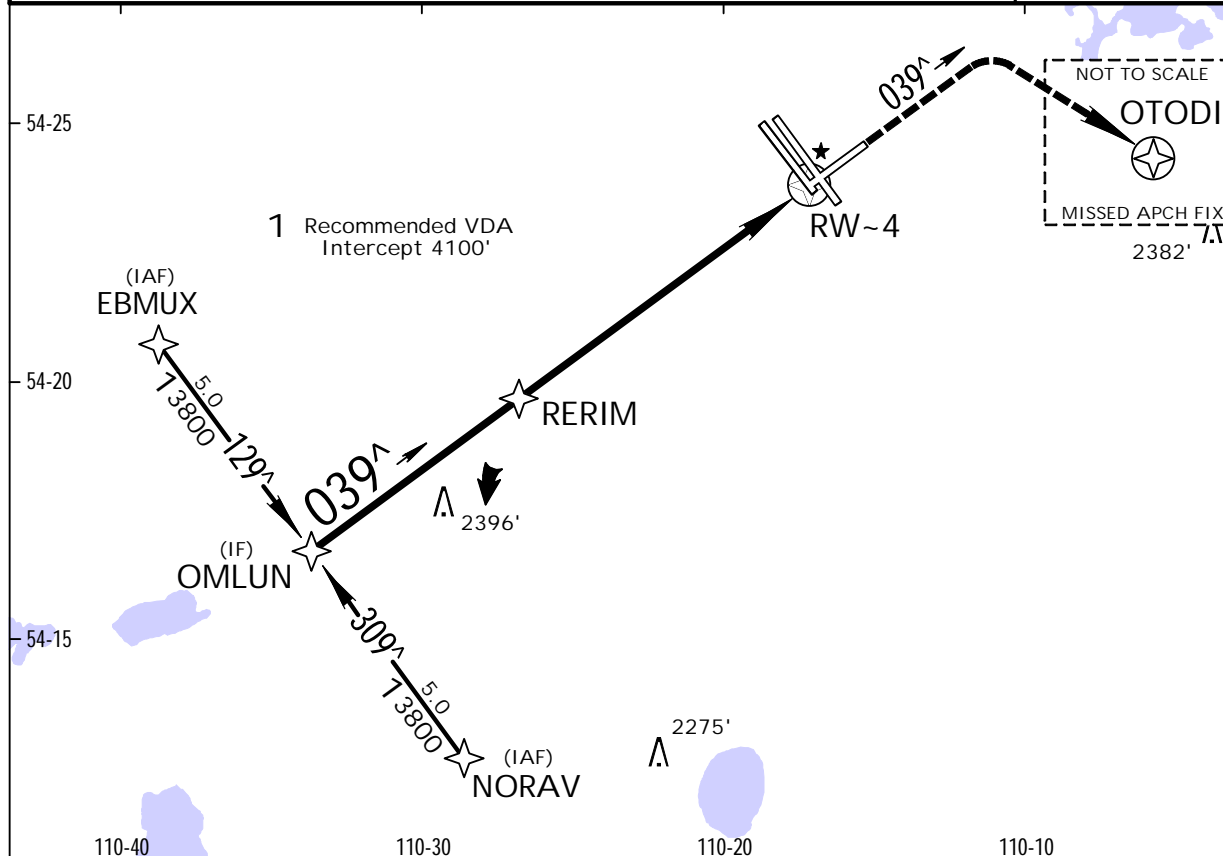
JEPPESSEN

28 MAR 14
Eff. 3 Apr. (12-1)

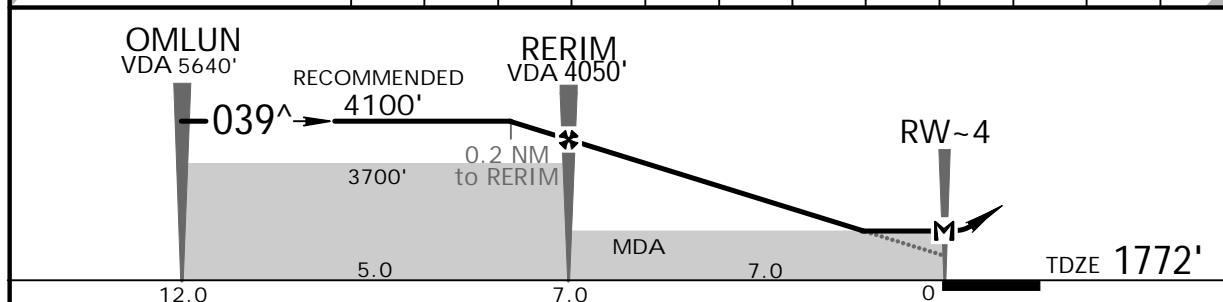
COLD LAKE, ALTA
RNAV (GNSS) Rwy 04

BRIEFING STRIP

COLD LAKE Arrival		COLD LAKE Tower		Ground	
124.5		126.2		121.9	
RNAV	Final Apch Crs 039^	VDA RERIM 4050' (2278')	LNAV MDA(H) 2160' (388')	Apt Elev 1775' TDZE 1772'	<div>3800'</div> <div>MSA RW-4</div>
MISSED APCH: Climb to 5000' track 039^ RIGHT turn direct to OTODI.					
Alt Set: INCHES					



NM to RW-4	12.0	11.0	10.0	9.0	8.0	7.2	6.0	5.0	4.0	3.0	2.0	1.1
VDA ALTITUDE	5640'	5320'	5010'	4690'	4370'	4100'	3730'	3410'	3100'	2780'	2460'	2160'



Gnd speed-Kts	70	90	100	120	140	160	PAPI-L		5000'		039 [^]	
VDA	3.00 [^]	372	478	531	637	743						
MAP at RW-4												

STRAIGHT-IN LANDING RWY 04						CIRCLE-TO-LAND					
LNAV						MDA(H)					
MDA(H) 2160' (388')						MDA(H)					
A	1¼					Max Kts					
B						90					
C						120	2280' (505') - 1½				
D						140	2280' (505') - 2				
						165	2480' (705') - 2¼				

CYOD/YOD

GROUP CAPTAIN MCNAIR

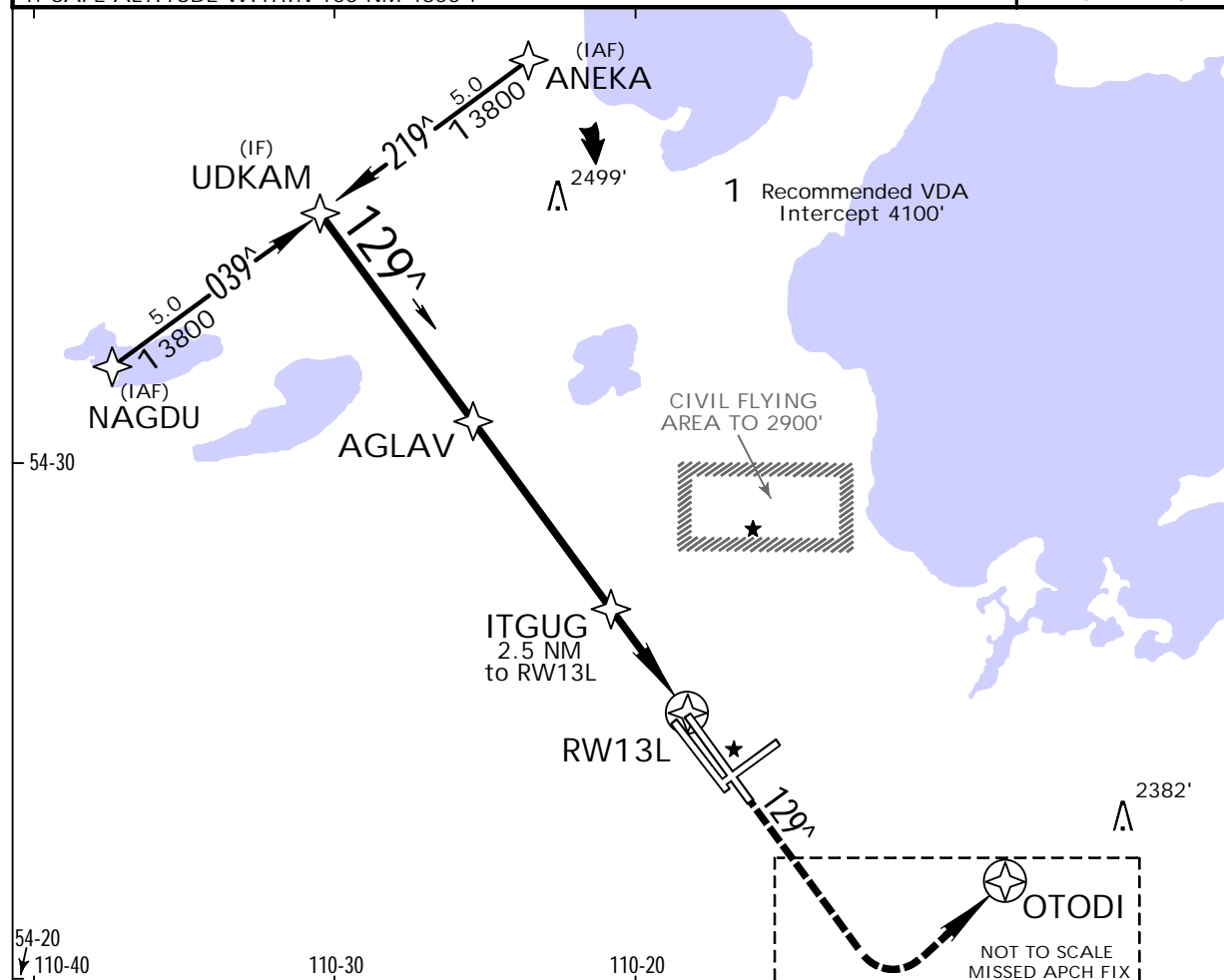
JEPPESSEN

28 MAR 14
Eff. 3 Apr. (12-2)

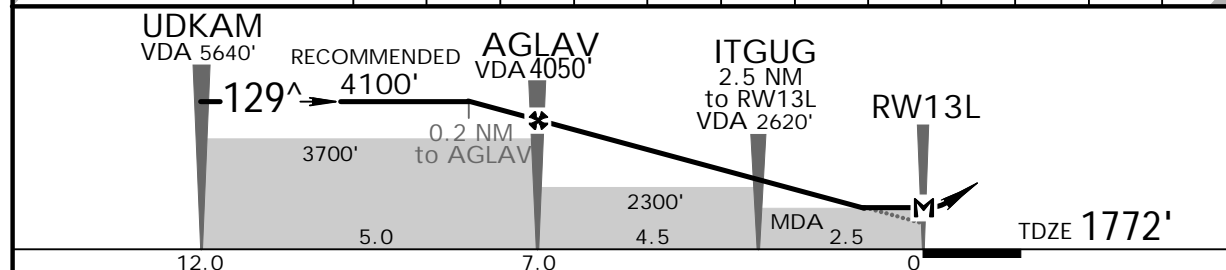
COLD LAKE, ALTA
RNAV (GNSS) Rwy 13L

BRIEFING STRIP™

COLD LAKE Arrival 124.5		COLD LAKE Tower 126.2		Ground 121.9	
RNAV	Final Apch Crs 129^	VDA AGLAV 4050' (2278')	LNAV MDA(H) 2120' (348')	Apt Elev 1775' TDZE 1772'	<div>3800'</div> <div>MSA RW13L</div>
MISSED APCH: Climb to 5000' track 129^ LEFT turn direct to OTODI.					
Alt Set: INCHES					



NM to RW13L	12.0	11.0	10.0	9.0	8.0	7.2	6.0	5.0	4.0	3.0	2.0	0.9
VDA ALTITUDE	5640'	5320'	5010'	4690'	4370'	4100'	3730'	3410'	3100'	2780'	2460'	2120'



Gnd speed-Kts	70	90	100	120	140	160	<div>SSALR</div> <div>PAPI</div> <div>5000'</div> <div>129°</div>
VDA	372	478	531	637	743	849	
MAP at RW13L							

STRAIGHT-IN LANDING RWY 13L				CIRCLE-TO-LAND			
LNAV							
MDA(H) 2120' (348')							
				Max Kts		MDA(H)	
A	1			90		2280' (505')- 1½	
B				120			
C				140		2280' (505')- 2	

CYOD/YOD

GROUP CAPTAIN MCNAIR

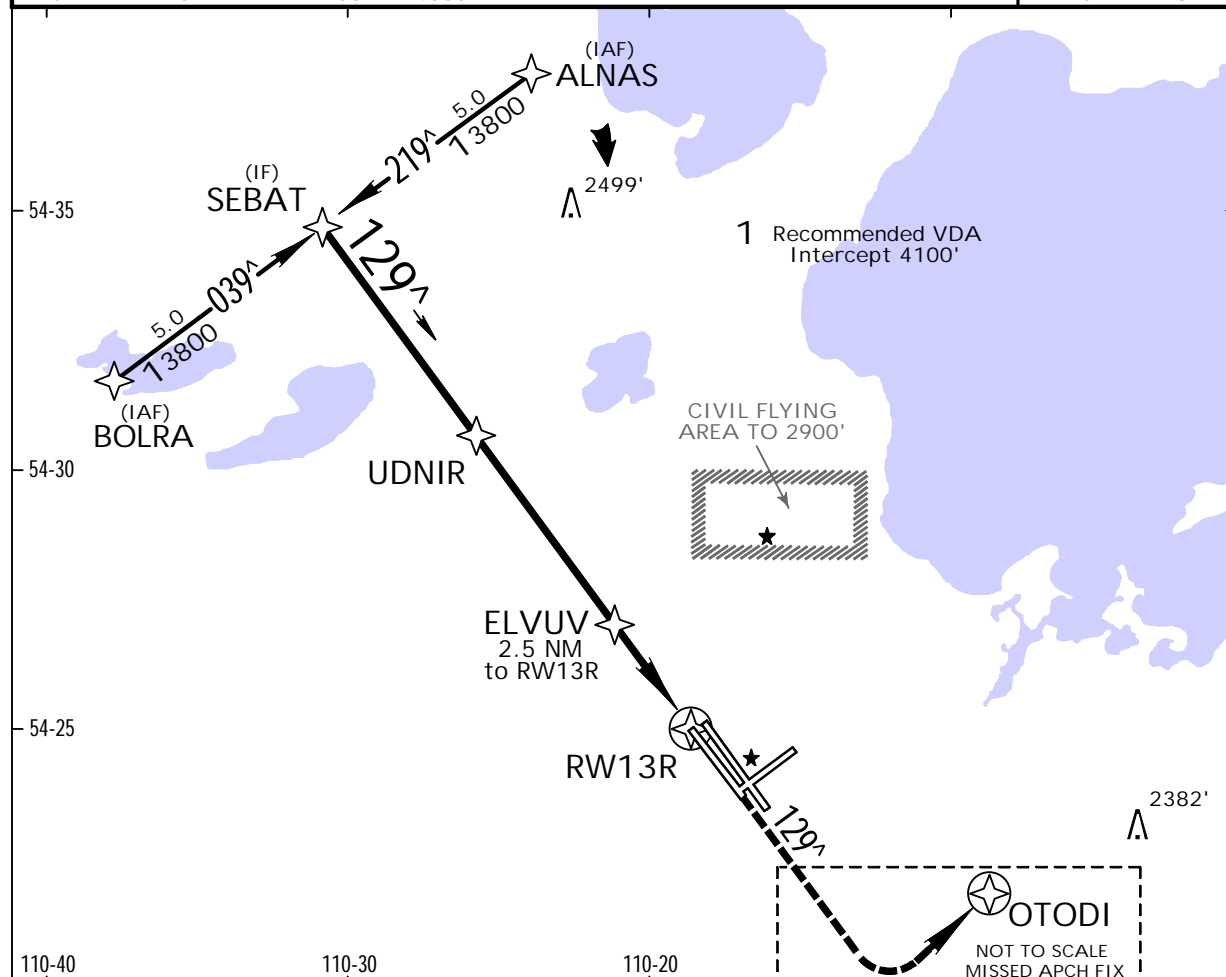
JEPPESEN

28 MAR 14
Eff. 3 Apr. (12-3)

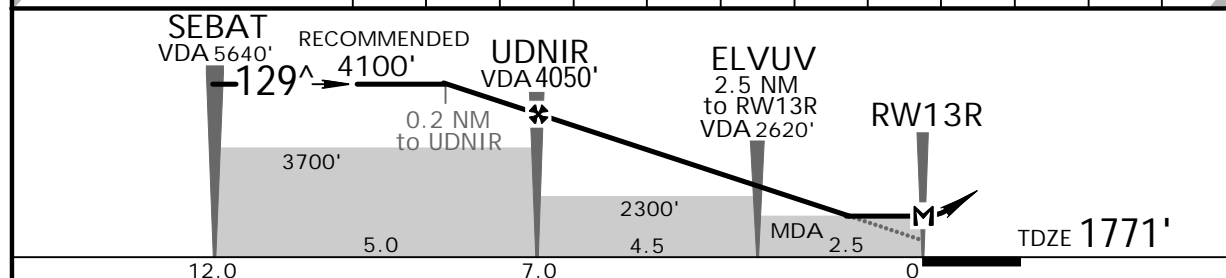
COLD LAKE, ALTA
RNAV (GNSS) Rwy 13R

BRIEFING STRIP

COLD LAKE Arrival 124.5		COLD LAKE Tower 126.2		Ground 121.9	
RNAV	Final Apch Crs 129^	VDA UDNIR 4050' (2279')	LNAV MDA(H) 2120' (349')	Apt Elev 1775' TDZE 1771'	<div>3800'</div> <div>MSA RW13R</div>
MISSED APCH: Climb to 5000' track 129^ LEFT turn direct to OTODI.					
Alt Set: INCHES		Trans level: FL 180		Trans alt: 18000'	
1. SAFE ALTITUDE WITHIN 100 NM 4300'.					



NM to RW13R	12.0	11.0	10.0	9.0	8.0	7.2	6.0	5.0	4.0	3.0	2.0	0.9
VDA ALTITUDE	5640'	5320'	5010'	4690'	4370'	4100'	3730'	3410'	3090'	2780'	2460'	2120'



Gnd speed-Kts	70	90	100	120	140	160	SSALR		5000'		129 [^]	
VDA	3.00 [^]	372	478	531	637	743	PAPI					
MAP at RW13R												

STRAIGHT-IN LANDING RWY 13R				CIRCLE-TO-LAND			
LNAV							
MDA(H) 2120' (349')							
				Max Kts.		MDA(H)	
A	1			90		2280' (505')- 1½	
B				120			
C				140		2280' (505')- 2	

CYOD/YOD

GROUP CAPTAIN MCNAIR

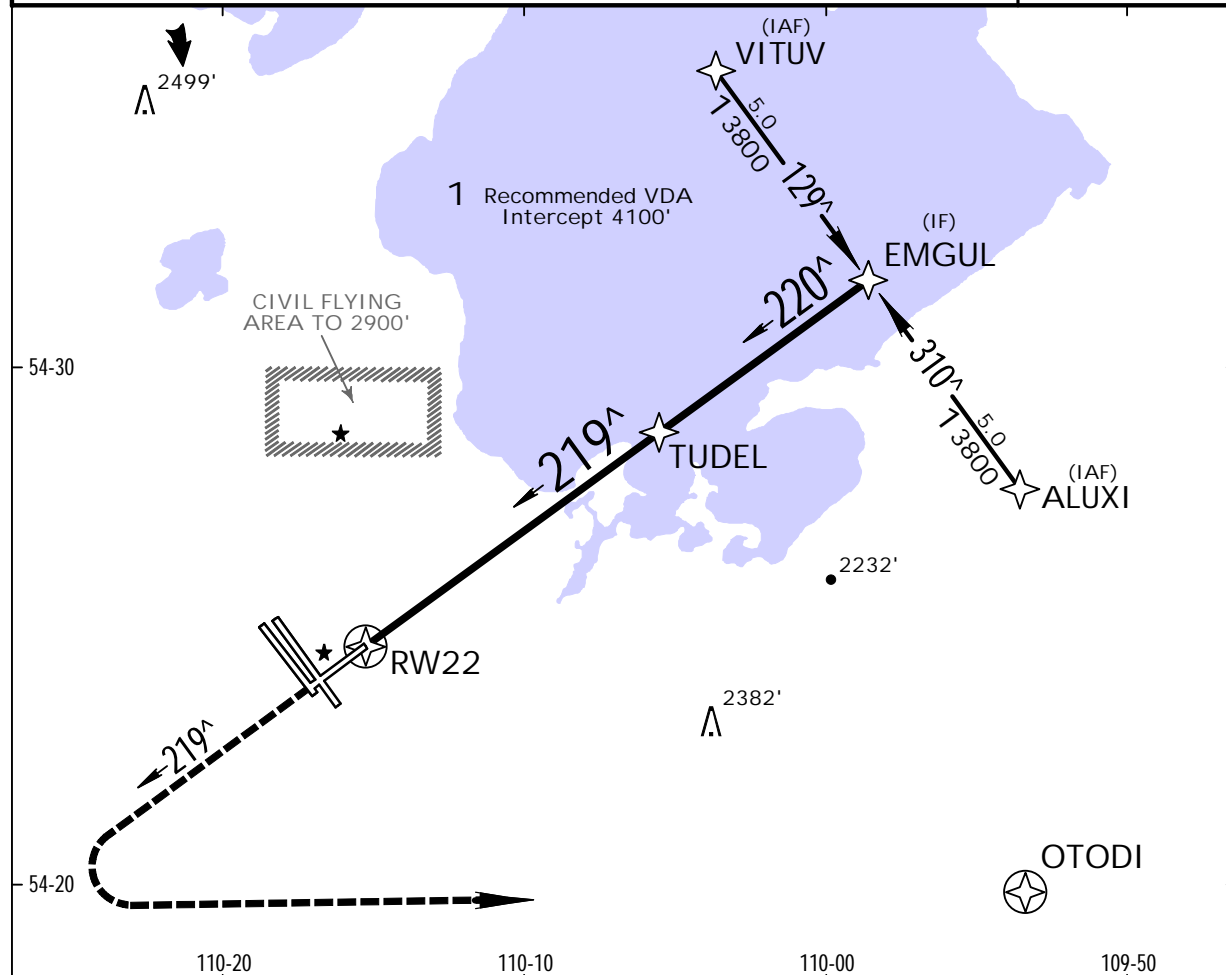
JEPPESSEN

28 MAR 14
.Eff.3.Apr. (12-4)

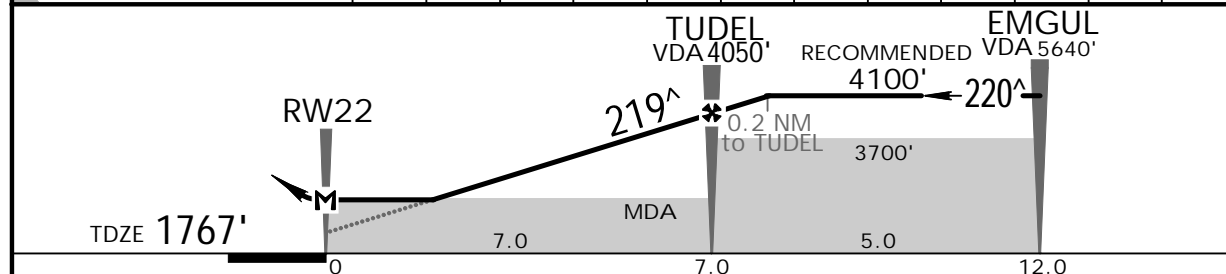
COLD LAKE, ALTA
RNAV (GNSS) Rwy 22

BRIEFING STRIP™

COLD LAKE Arrival 124.5		COLD LAKE Tower 126.2		Ground 121.9	
RNAV	Final Apch Crs 219^	VDA TUDEL 4050' (2283')	LNAV MDA(H) 2260' (493')	Apt Elev 1775' TDZE 1767'	<div>3800'</div> <div>MSA RW22</div>
MISSED APCH: Climb to 5000' track 219^ LEFT turn direct to OTODI.					
Alt Set: INCHES		Trans level: FL 180		Trans alt: 18000'	
1. SAFE ALTITUDE WITHIN 100 NM 4300'.					



NM to RW22	1.4	2.0	3.0	4.0	5.0	6.0	7.2	8.0	9.0	10.0	11.0	12.0
VDA ALTITUDE	2260'	2450'	2770'	3090'	3410'	3730'	4100'	4360'	4680'	5000'	5320'	5640'



Gnd speed-Kts	70	90	100	120	140	160	SSALR		5000'		219 [^]	
VDA	3.00 [^]	372	478	531	637	743	PAPI					
MAP at RW22												

STRAIGHT-IN LANDING RWY 22						CIRCLE-TO-LAND					
LNAV											
MDA(H) 2260' (493')											
HIALS out											
A						Max Kts					
B						90	2280' (505')-1½				
C						120					
						140	2280' (505')-2				

CYOD/YOD

GROUP CAPTAIN MCNAIR

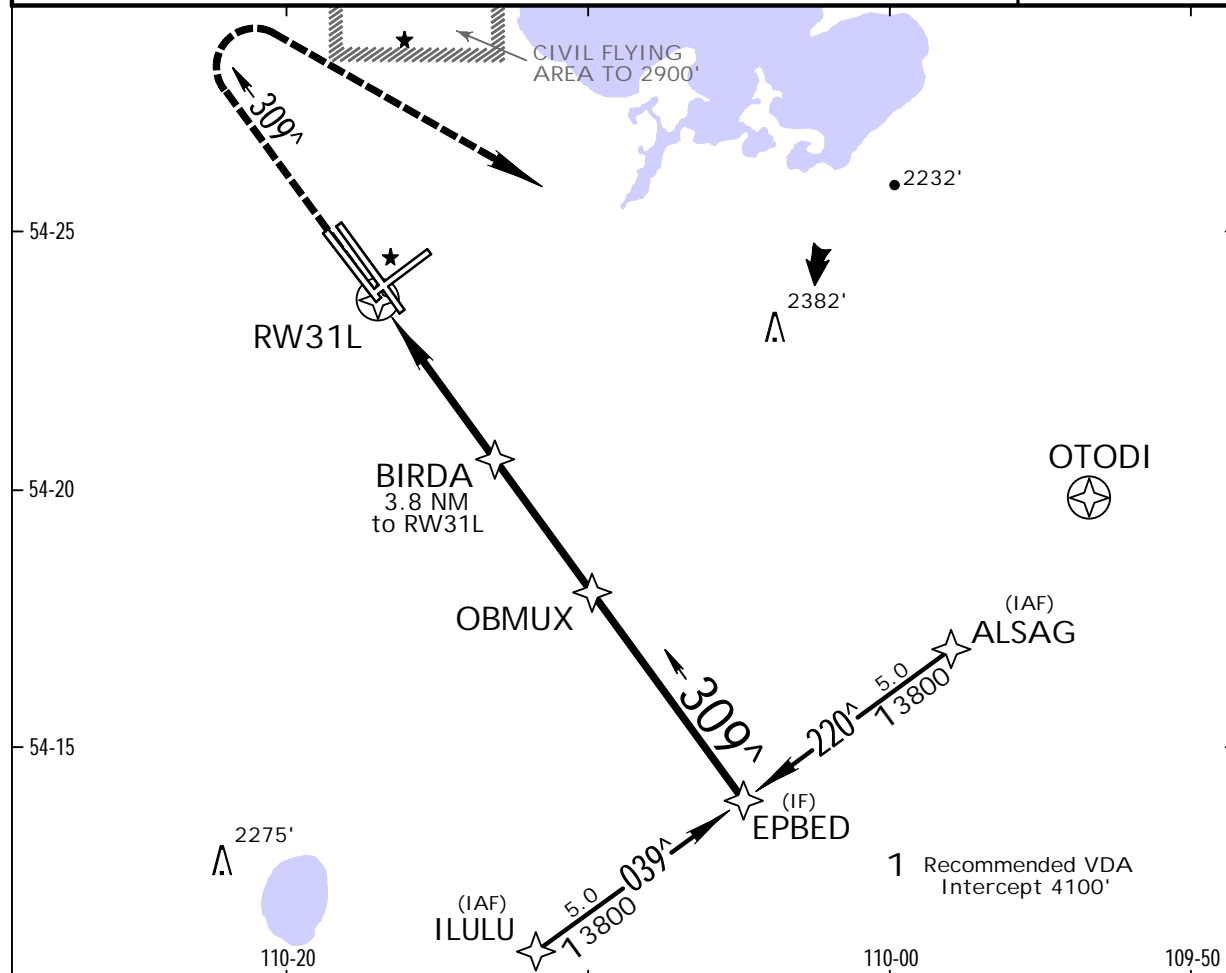
JEPPESEN

28 MAR 14
Eff. 3 Apr. (12-5)

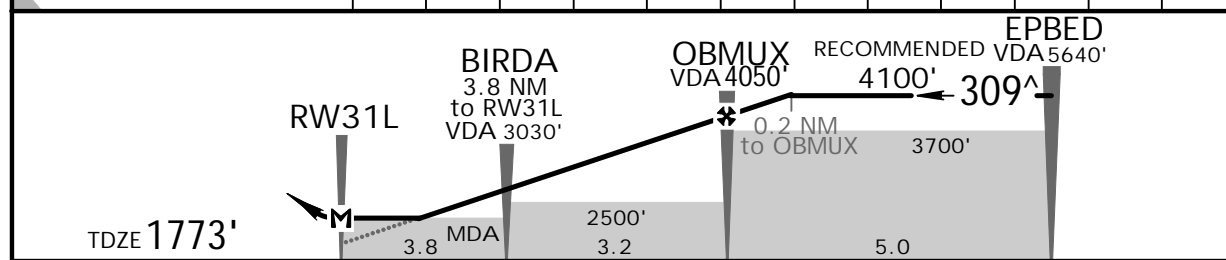
COLD LAKE, ALTA
RNAV (GNSS) Rwy 31L

BRIEFING STRIP™

COLD LAKE Arrival 124.5		COLD LAKE Tower 126.2		Ground 121.9	
RNAV	Final Apch Crs 309^	VDA OBMUX 4050' (2277')	LNAV MDA(H) 2180' (407')	Apt Elev 1775' TDZE 1773'	<div>3800'</div> <div>MSA RW31L</div>
MISSED APCH: Climb to 5000' track 309^ RIGHT turn direct to OTODI.					
Alt Set: INCHES 1. SAFE ALTITUDE WITHIN 100 NM 4300'.					
Trans level: FL 180			Trans alt: 18000'		



NM to RW31L	1.1	2.0	3.0	4.0	5.0	6.0	7.2	8.0	9.0	10.0	11.0	12.0
VDA ALTITUDE	2180'	2460'	2780'	3100'	3420'	3730'	4100'	4370'	4690'	5010'	5330'	5640'



Gnd speed-Kts	70	90	100	120	140	160	SSALR		PAPI		5000'	309 [^]
VDA	3.00 [^]	372	478	531	637	743						
MAP at RW31L												

STRAIGHT-IN LANDING RWY 31L						CIRCLE-TO-LAND					
LNAV MDA(H) 2180' (407')						MDA(H)					
HIALS out						Max Kts					
A						90	2280' (505')-1½				
B						120					
C						140	2280' (505')-2				

CYOD/YOD

GROUP CAPTAIN MCNAIR

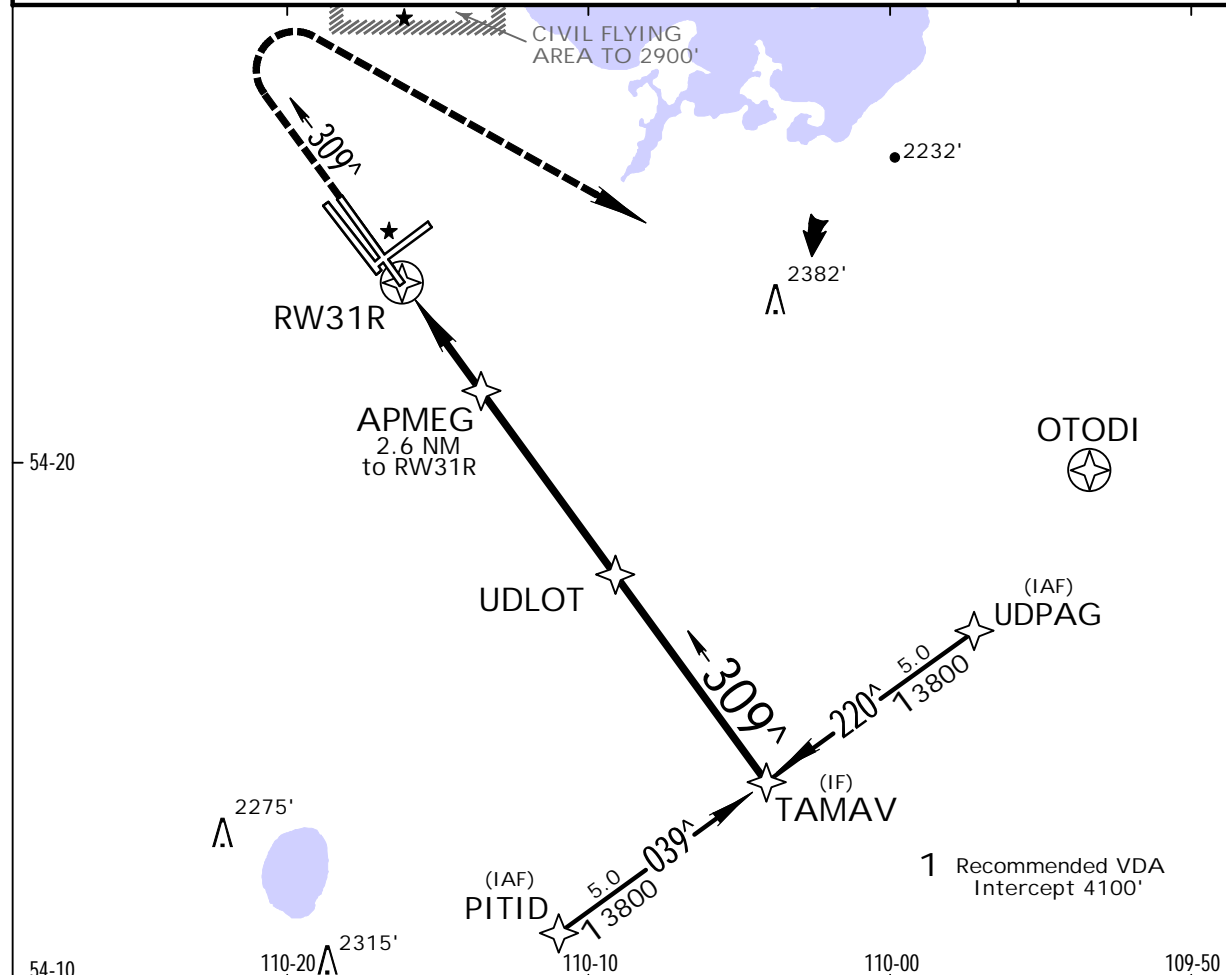
JEPPESEN

28 MAR 14
Eff. 3 Apr. (12-6)

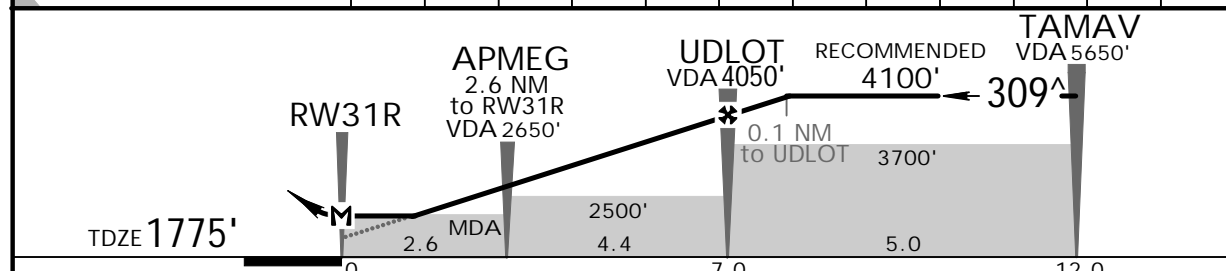
COLD LAKE, ALTA
RNAV (GNSS) Rwy 31R

BRIEFING STRIP™

COLD LAKE Arrival 124.5		COLD LAKE Tower 126.2		Ground 121.9	
RNAV	Final Apch Crs 309^	VDA UDLOT 4050' (2275')	LNAV MDA(H) 2120' (345')	Apt Elev 1775' TDZE 1775'	<div>3800'</div> <div>MSA RW31R</div>
MISSED APCH: Climb to 5000' track 309^ RIGHT turn direct to OTODI.					
Alt Set: INCHES 1. SAFE ALTITUDE WITHIN 100 NM 4300'.					
Trans level: FL 180 Trans alt: 18000'					



NM to RW31R	0.9	2.0	3.0	4.0	5.0	6.0	7.1	8.0	9.0	10.0	11.0	12.0
VDA ALTITUDE	2120'	2460'	2780'	3100'	3420'	3740'	4100'	4370'	4690'	5010'	5330'	5650'



Gnd speed-Kts	70	90	100	120	140	160	SSALR		5000'		309 [^]	
VDA	3.00 [^]	372	478	531	637	743	PAPI		↑			
MAP at RW31R												

STRAIGHT-IN LANDING RWY 31R					CIRCLE-TO-LAND				
LNAV									
MDA(H) 2120' (345')									
HALS out					Max Kts	MDA(H)			
A	1				90	2280' (505')-1½			
B					120				
C					140	2280' (505')-2			

CYOD/YOD

GROUP CAPTAIN MCNAIR

JEPPESEN

18 JUL 14 (16-1) .Eff.24.Jul.

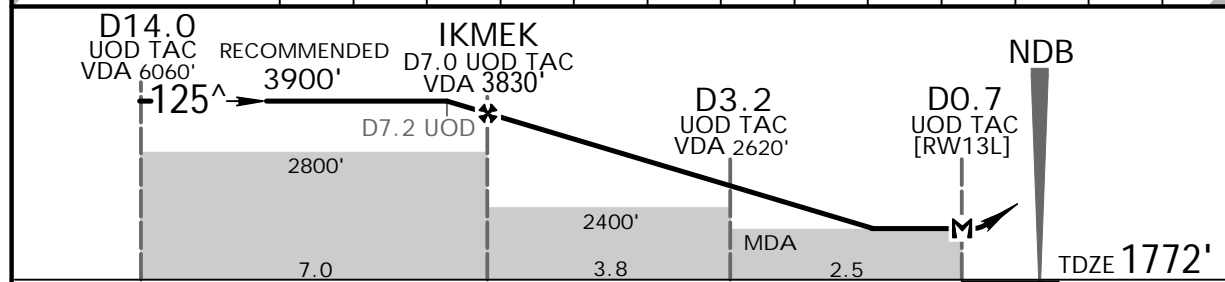
COLD LAKE, ALTA
NDB DME Rwy 13L

BRIEFING STRIP

COLD LAKE Arrival		COLD LAKE Tower		Ground	
124.5		126.2		121.9	
NDB YOD 398	Final Apch Crs 125^	VDA IKMEK 3830' (2058')	MDA(H) 2160' (388')	Apt Elev 1775' TDZE 1772'	<div>3800'</div> <div>MSA YOD NDB</div>
MISSED APCH: Climb to 5000' track 125^. LEFT turn direct to YOD NDB.					
Alt Set: INCHES Trans level: FL 180 Trans alt: 18000' 1. SAFE ALTITUDE WITHIN 100 NM 4300'. 2. Procedure turn not authorized.					



NM to UOD DME	14.0	13.0	12.0	11.0	10.0	9.0	8.0	7.2	6.0	5.0	4.0	3.0	1.8
VDA ALTITUDE	6060'	5740'	5420'	5100'	4780'	4470'	4150'	3900'	3510'	3190'	2870'	2550'	2160'



Gnd speed-Kts	70	90	100	120	140	160	SSALR	5000'	125 [^]	LT	YOD 398
VDA 3.00 [^]	372	478	531	637	743	849	PAPI				
MAP at D0.7 UOD TAC											

STRAIGHT-IN LANDING RWY 13L					CIRCLE-TO-LAND				
MDA(H) 2160'(388')									
HALS out					Max Kts.	MDA(H)			
A	1				90	2280'(505') - 1½			
B					120				
C					140	2280'(505') - 2			
D					165	2480'(705') - 2¼			

CYOD/YOD

GROUP CAPTAIN MCNAIR

18 JUL 14

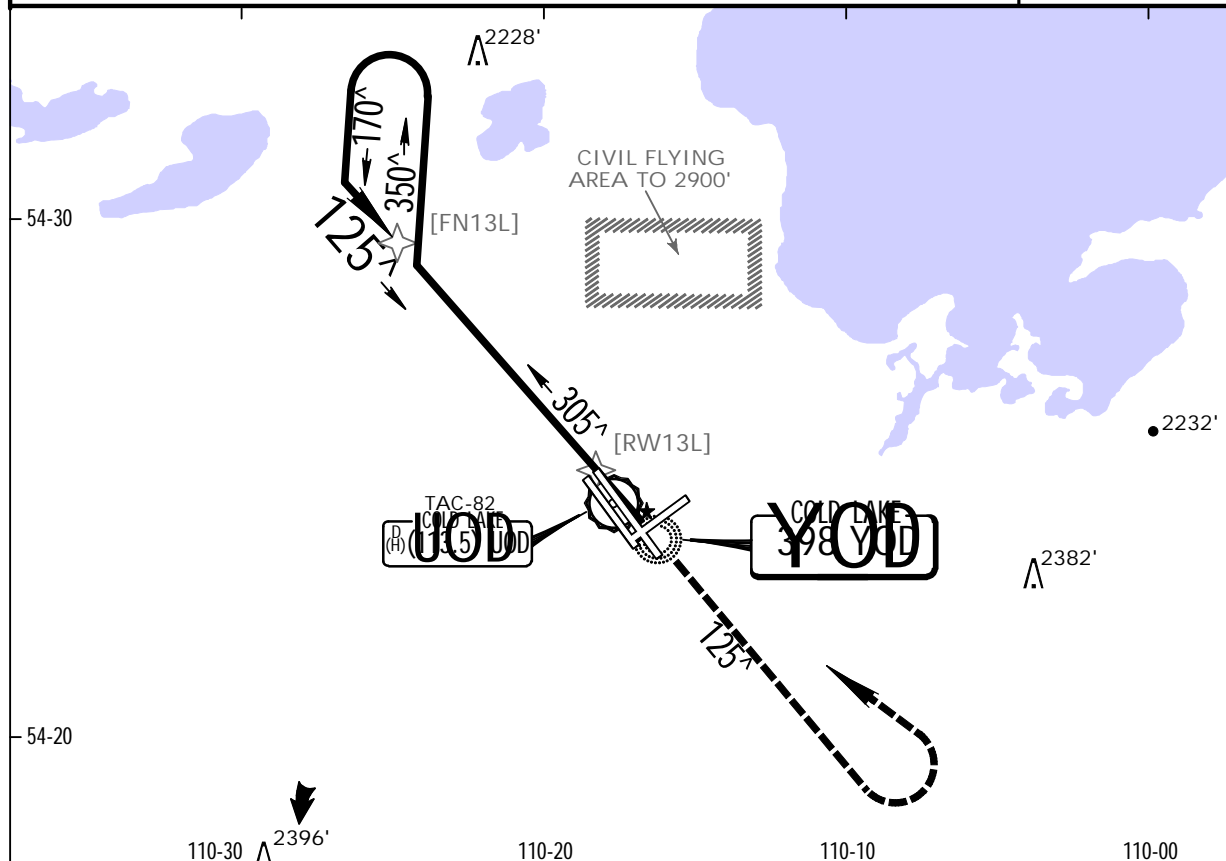
(16-2)

.Eff.24.Jul.

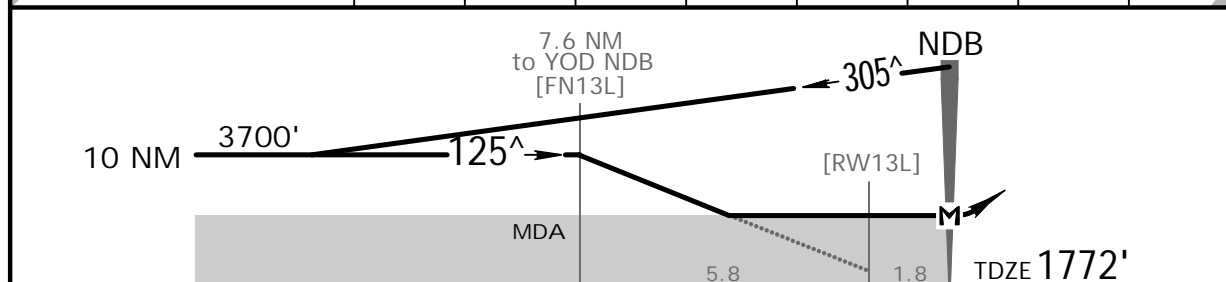
COLD LAKE, ALTA
NDB Rwy 13L

BRIEFING STRIP

COLD LAKE Arrival		COLD LAKE Tower		Ground	
124.5		126.2		121.9	
NDB YOD 398	Final Apch Crs 125^	No FAF	MDA(H) 2440' (668')	Apt Elev 1775' TDZE 1772'	<div>3800'</div> <div>MSA YOD NDB</div>
MISSED APCH: Climb to 5000' track 125^. LEFT turn direct to YOD NDB.					
Alt Set: INCHES 1. SAFE ALTITUDE WITHIN 100 NM 4300'.					
Trans level: FL 180 Trans alt: 18000'					



NM to YOD NDB	10.0	9.0	7.6	7.0	6.0	5.0	4.0	3.7
VDA ALTITUDE	4460'	4140'	3700'	3500'	3180'	2860'	2540'	2440'



Gnd speed-Kts	70	90	100	120	140	160	SSALR	5000'	125 [^]	LT	YOD 398
VDA	3.00 [^]	372	478	531	637	743	PAPI	↑			
MAP at NDB											

STRAIGHT-IN LANDING RWY13L						CIRCLE-TO-LAND					
MDA(H) 2440' (668')											
HALS out						Max Kts					
						MDA(H)					
						2440' (665') -2					
						2480' (705') -2 1/4					

CYOD/YOD

GROUP CAPTAIN MCNAIR

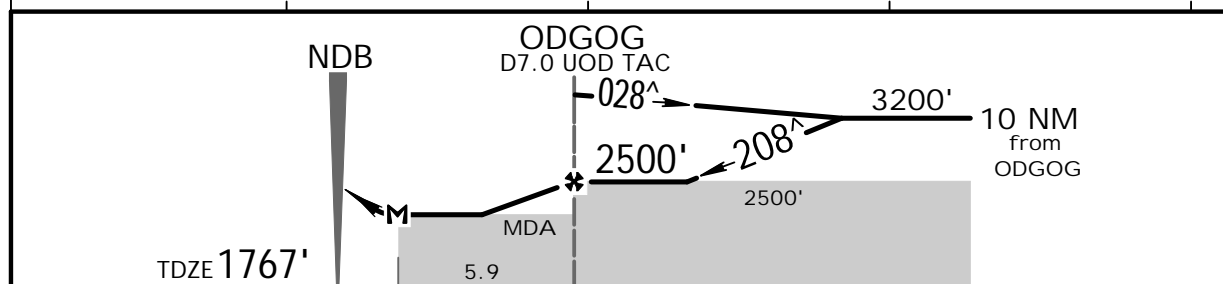
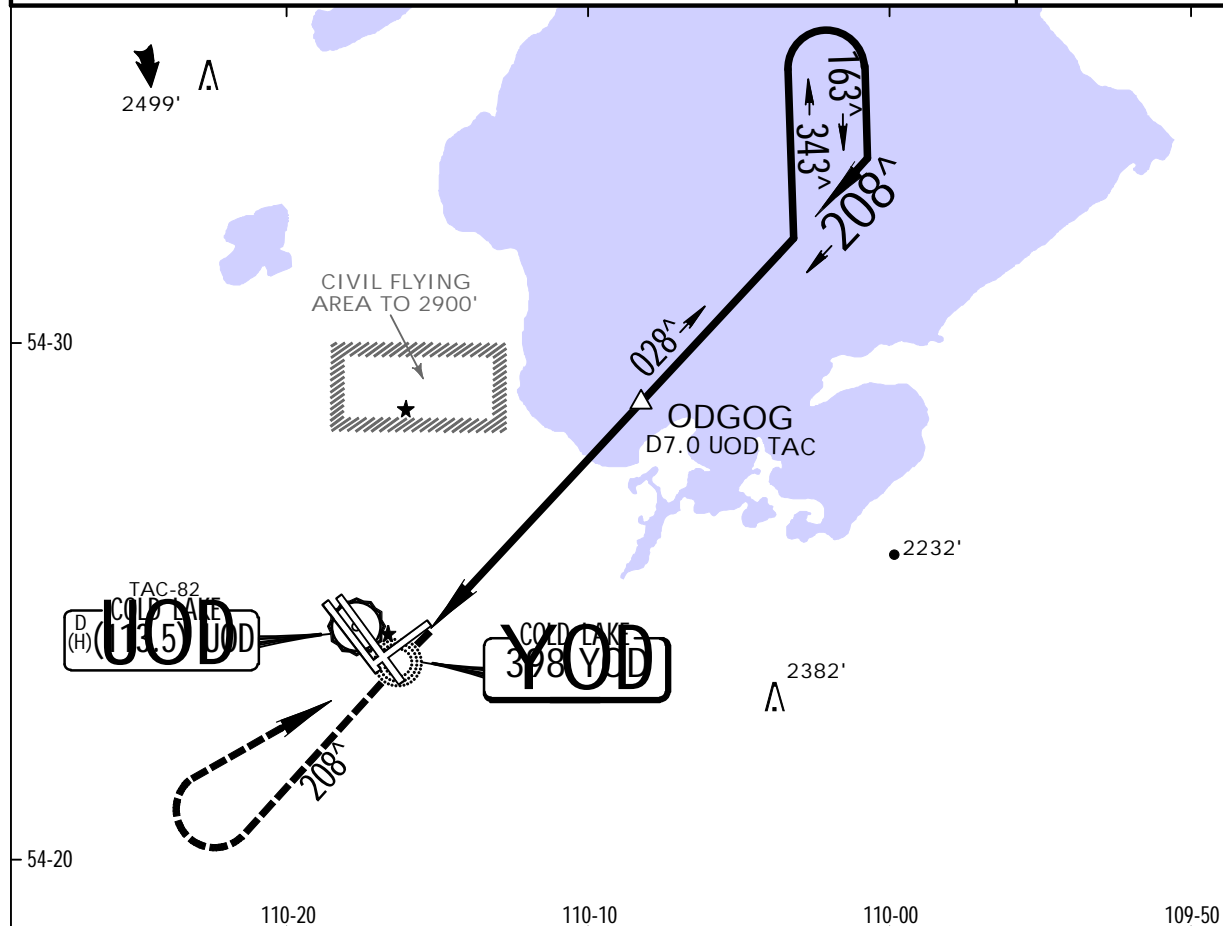
JEPPESSEN

28 MAR 14 (16-3) .Eff.3.Apr.

COLD LAKE, ALTA
NDB DME Rwy 22

BRIEFING STRIP™

COLD LAKE Arrival		COLD LAKE Tower		Ground	
124.5		126.2		121.9	
NDB YOD 398	Final Apch Crs 208^	Minimum Alt ODGOG 2500' (733')	MDA(H) 2420' (653')	Apt Elev 1775' TDZE 1767'	<div>3800'</div>
MISSED APCH: Climb to 5000' track 208^. RIGHT turn direct to YOD NDB.					
Alt Set: INCHES					
1. SAFE ALTITUDE WITHIN 100 NM 4300'.					
		Trans level: FL 180		Trans alt: 18000'	
					MSA YOD NDB



Gnd speed-Kts	70	90	100	120	140	160	SSALR	5000'	208 [^]	RT	YOD 398
							PAPI				
ODGOG to MAP 5.9	5:03	3:56	3:32	2:57	2:32	2:13					

STRAIGHT-IN LANDING RWY 22						CIRCLE-TO-LAND					
MDA(H) 2420' (653')											
HALS out						Max Kts					
						90					
						120					
						140					
						165					
1 1/2						2420' (645') - 2					
						2480' (705') - 2 1/4					

CYOD/YOD

GROUP CAPTAIN MCNAIR

28 MAR 14

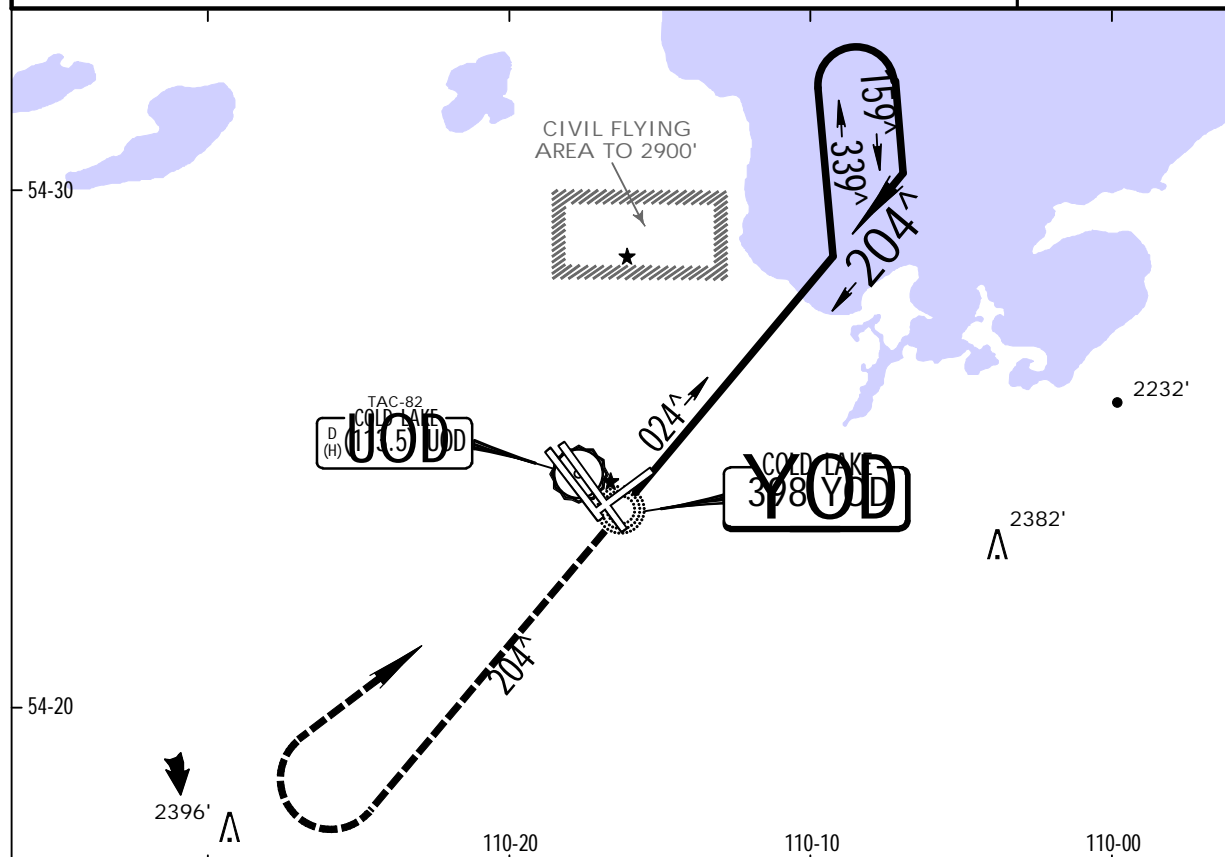
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.Eff.3.Apr.

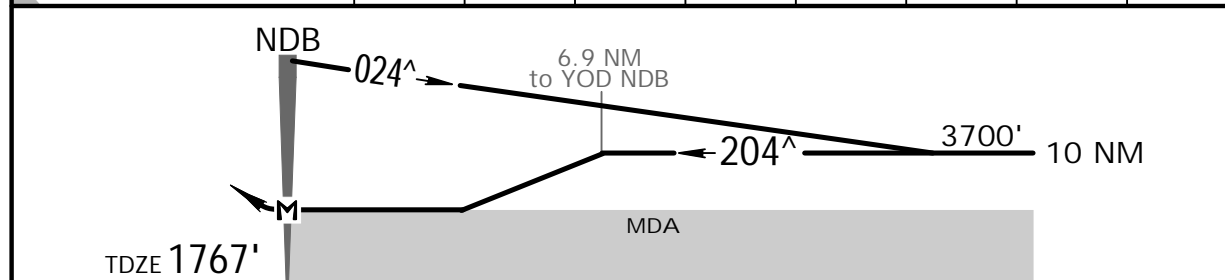
COLD LAKE, ALTA
NDB Rwy 22

BRIEFING STRIP

COLD LAKE Arrival		COLD LAKE Tower		Ground	
124.5		126.2		121.9	
NDB YOD 398	Final Apch Crs 204^	No FAF	MDA(H) 2480' (713')	Apt Elev 1775' TDZE 1767'	<div>3800'</div> <div>MSA YOD NDB</div>
MISSED APCH: Climb to 5000' track 204^. RIGHT turn direct to YOD NDB.					
Alt Set: INCHES 1. SAFE ALTITUDE WITHIN 100 NM 4300'.					
Trans level: FL 180 Trans alt: 18000'					



	3.1	4.0	5.0	6.0	6.9	8.0	9.0	10.0
NM to YOD NDB	3.1	4.0	5.0	6.0	6.9	8.0	9.0	10.0
VDA ALTITUDE	2480'	2770'	3090'	3410'	3700'	4050'	4370'	4680'



Gnd speed-Kts	70	90	100	120	140	160	SSALR	5000'	204 [^]	RT	YOD 398
VDA	3.00 [^]	372	478	531	637	743	849	PAPI			
MAP at NDB											

STRAIGHT-IN LANDING RWY 22						CIRCLE-TO-LAND					
MDA(H) 2480' (713')						MDA(H)					
HIALS out						2480' (705') - 2 1/4					
A	1 3/4					Max Kts					
B						90					
C						120					
D						140					
						165					

CYOD/YOD

GROUP CAPTAIN MCNAIR

28 MAR 14

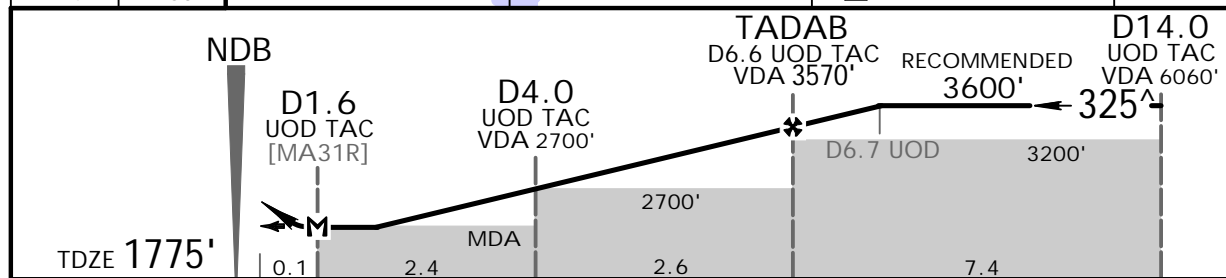
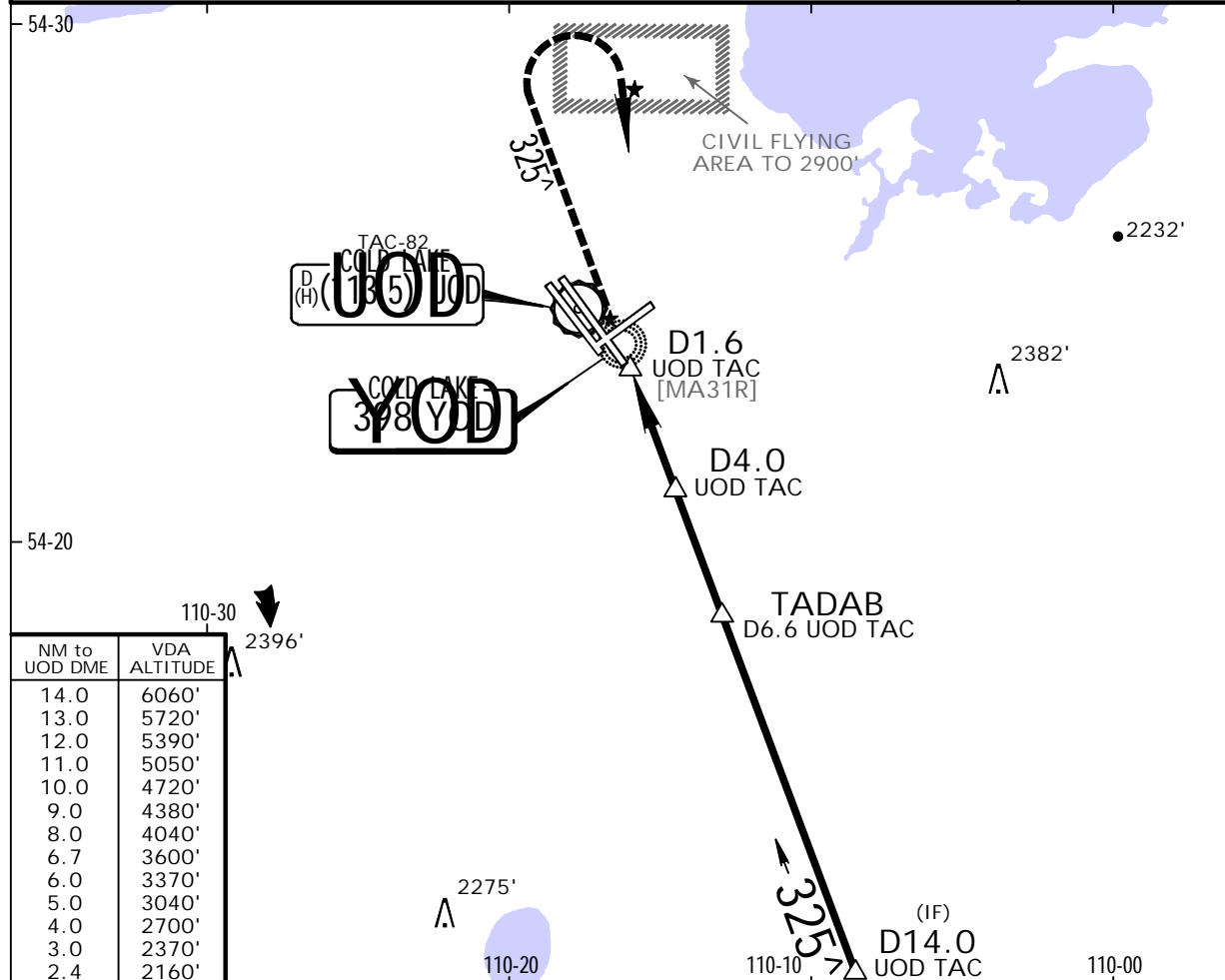
(16-5)

.Eff.3.Apr.

COLD LAKE, ALTA
NDB DME Rwy 31R

BRIEFING STRIP

COLD LAKE Arrival		COLD LAKE Tower		Ground	
124.5		126.2		121.9	
NDB YOD 398	Final Apch Crs 325^	VDA TADAB 3570' (1795')	MDA(H) 2160' (385')	Apt Elev 1775' TDZE 1775'	<div>3800'</div>
MISSED APCH: Climb to 5000' track 325^. RIGHT turn direct to YOD NDB.					
Alt Set: INCHES 1. SAFE ALTITUDE WITHIN 100 NM 4300'.					
					MSA YOD NDB



Gnd speed-Kts	70	90	100	120	140	160	SSALR	5000'	325^	RT	YOD 398
VDA	3.16^	391	503	559	671	783	PAPI				
MAP at D1.6 UOD TAC											

STRAIGHT-IN LANDING RWY 31R						CIRCLE-TO-LAND					
MDA(H) 2160' (385')						MDA(H)					
HALS out						Max Kts					
						90					
						120					
						140					
						2280' (505') - 1 1/2					
						2280' (505') - 2					

CYOD/YOD

GROUP CAPTAIN MCNAIR

28 MAR 14

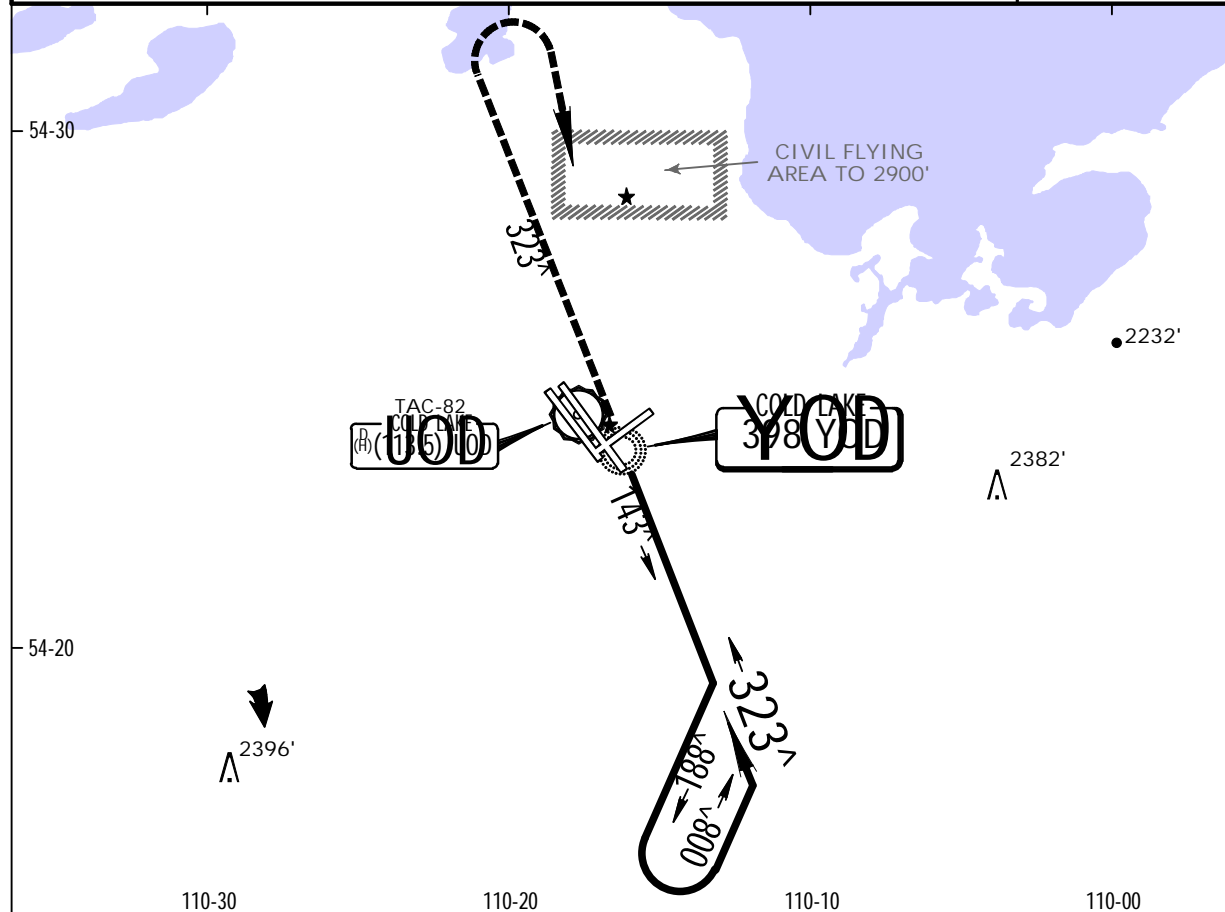
(16-6)

.Eff.3.Apr.

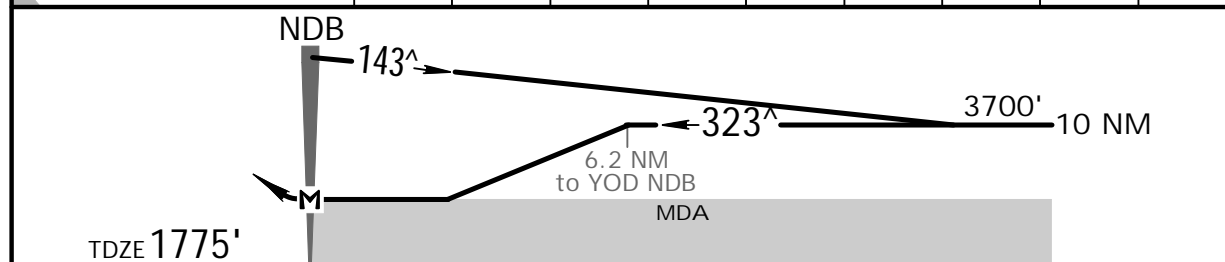
COLD LAKE, ALTA
NDB Rwy 31R

BRIEFING STRIP™

COLD LAKE Arrival		COLD LAKE Tower		Ground	
124.5		126.2		121.9	
NDB YOD 398	Final Apch Crs 323^	No FAF	MDA(H) 2320' (545')	Apt Elev 1775' TDZE 1775'	<div>3800'</div>
MISSED APCH: Climb to 5000' track 323^. RIGHT turn direct to YOD NDB.					
Alt Set: INCHES Trans level: FL 180 Trans alt: 18000'					
1. SAFE ALTITUDE WITHIN 100 NM 4300'.					MSA YOD NDB



NM to YOD NDB	1.9	3.0	4.0	5.0	6.2	7.0	8.0	9.0	10.0
VDA ALTITUDE	2320'	2670'	2990'	3310'	3700'	3940'	4260'	4580'	4900'



Gnd speed-Kts	70	90	100	120	140	160	SSALR	5000'	323^	RT	YOD 398
VDA	3.00^	372	478	531	637	743	849				
MAP at NDB											

STRAIGHT-IN LANDING RWY 31R						CIRCLE-TO-LAND					
MDA(H) 2320' (545')						MDA(H)					
HIALS out						Max Kts					
A						90	2320' (545') - 1 3/4				
B						120					
C	1 1/4					140	2320' (545') - 2				

CYOD/YOD

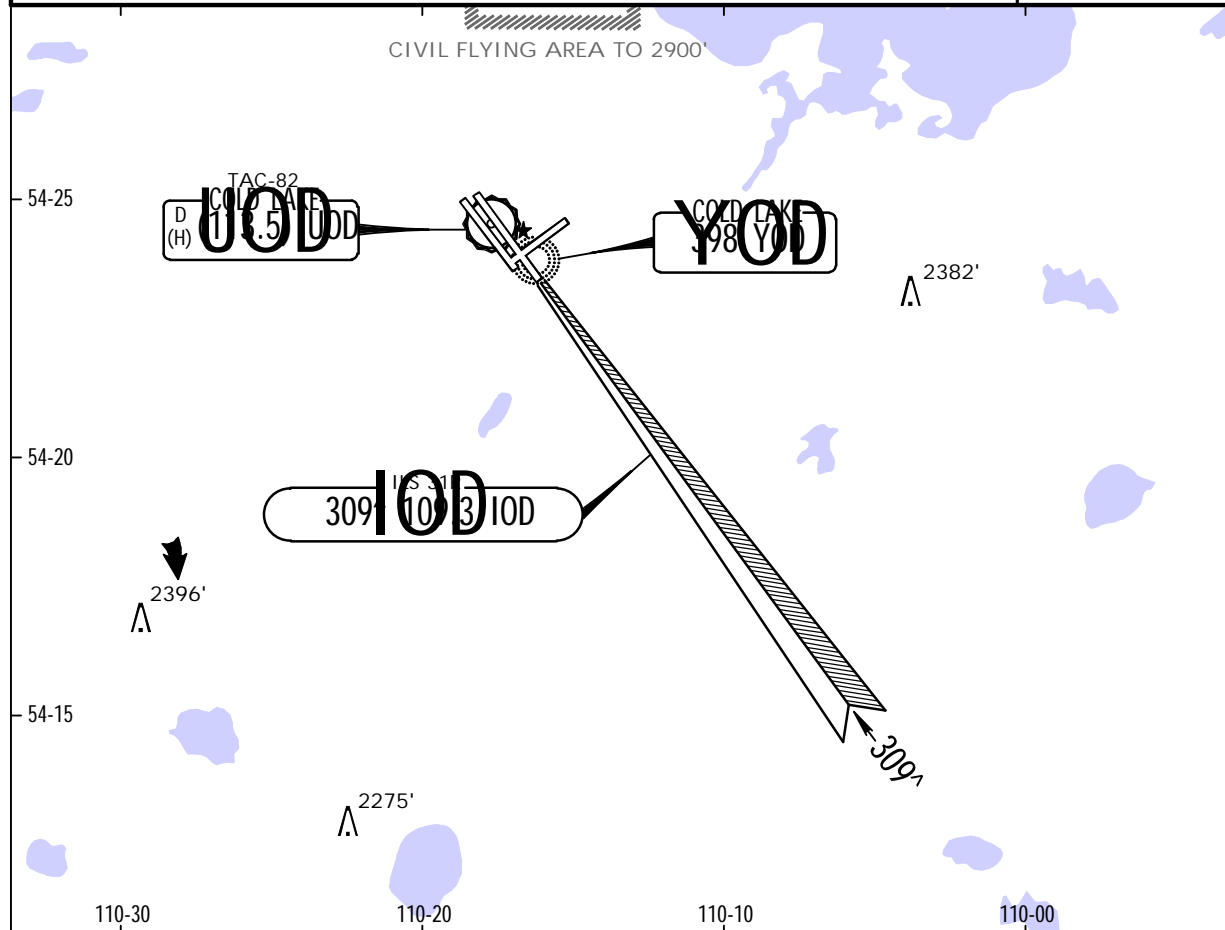
GROUP CAPTAIN MCNAIR

JEPPESEN
28 MAY 10
Eff. 3 Jun. (18-1)

COLD LAKE, ALTA
PAR RwyS 13L, 22, 31R

BRIEFING STRIP™

COLD LAKE Arrival		COLD LAKE Radar		COLD LAKE Tower		Ground	
124.5		119.4		126.2		121.9	
RADAR	Final Apch Crs By ATC	No FAF	DA(H) Refer to Minimums	Apt Elev 1775' TDZE -See below		<div>No MSA published</div>	
MISSED APCH: As directed by RADAR CONTROLLER.							
Alt Set: INCHES 1. SAFE ALTITUDE WITHIN 100 NM 4300'.							
Trans level: FL 180						Trans alt: 18000'	



RWY 13L		RWY 22		RWY 31R						
TDZE 1772'		TDZE 1767'		PAR TCH 44'						
				TDZE 1775'						
Gnd speed-Kts		70	90	100	120	140	160			Lighting - Refer to Airport Chart
Rwys 13L, 22, 31R PAR GS 3.00^		377	484	538	646	753	861			
STRAIGHT-IN LANDING										
PAR 13L		PAR 22				PAR 31R				
DA(H) 1972' (200')		DA(H) 1967' (200')				DA(H) 1975' (200')				
HIALS out		HIALS out				HIALS out				
A										
B										
C	1/2	3/4	1/2	3/4	RVR 26 or 1/2		RVR 40 or 3/4			
D										