

US Department of Transportation
Federal Aviation Administration

STAR - Standard Terminal Arrival

1. Bearings, headings, courses and radials are listed to the nearest hundredth (e.g. 360.00)
2. Distances are in nautical miles to nearest hundredth (e.g. 00.00)
3. Altitudes are minimum altitudes unless otherwise indicated

(1) Transition Routes

(a) Transition Name	(b) Transition Computer Codes	(c) From RNAV WP / FIX / NAVAID	(d) To RNAV WP / FIX / NAVAID	(e) Mag Course / Distance	(f) MEA	(g) MOCA	(h) MAA	(i) Crossing Altitudes / Fixes
PANNR	PANNR.OOILL1	PANNR WP	OOILL WP	143.72/39.20	7000			

(2) Arrival Route Description: FROM OOILL ON TRACK 140.54 TO CROSS MUSHR AT/ABOVE 7000 (MEA 5300),

LANDING RUNWAY RWY 2L: FROM MUSHR ON TRACK 196.36 TO CROSS GLDHL AT/ABOVE 6500 AND AT/BELOW 210 KTS (MEA 4900), THEN ON TRACK 195.99 TO CROSS SLUCE AT/ABOVE 5500 (MEA 4900), THEN ON TRACK 195.99. EXPECT RADAR VECTORS.

LANDING RUNWAY RWY 20R: FROM MUSHR ON TRACK 151.91 TO CROSS TRPLN AT/ABOVE 5500 (MEA 4900), THEN ON TRACK 151.91 TO CROSS PELLT AT/ABOVE 4900 (MEA 4900), THEN ON TRACK 170.00. EXPECT RADAR VECTORS.

(3) Procedural Data Notes: NOTE: GPS REQUIRED.

NOTE: RNAV 1

NOTE: RADAR REQUIRED

NOTE: Monitor ATIS for RWY in use

NOTE: Expect RWY assignment from Fairbanks Approach Control on initial contact.

NOTE: Landing Rwy 2L Expect RADAR vectors to ILS OR LOC RWY 2L APPROACH or RNAV (RNP) Z RWY 2L at GLDHL.

NOTE: Landing Rwy 20R Expect RADAR vectors to ILS OR LOC RWY 20R OR RNAV (RNP) Z RWY 20R AT TRPLN.

(4) Fixes and/or Holding Patterns: CHART FAI VORTAC. CHART HOLDING AT FAI VORTAC (HOLD W, RT 090.00 INBOUND COURSE)

(5) Communications: Fairbanks APP CON, Fairbanks ATIS

QUALITY
CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
OOILL RNAV	ONE	OOILL.OOILL1	NONE		20 SEP 2012

(12) Airports Served					
Airport Name Fairbanks Intl			City/State Fairbanks, Alaska		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
(13) Lost Communications Procedure: RWY 20R: After PELLT, fly heading 170.00, maintain 4300, intercept and execute the ILS OR LOC RWY 20R approach. If unable, proceed direct to FAI VORTAC and hold, maintain 5000. RWY 2L: After SLUCE fly heading 080.00, maintain 3700; intercept and execute the ILS or LOC RWY 2L approach. If unable, proceed direct to FAI VORTAC and hold, maintain 5000.					
(14) Remarks:					
(15) Additional Flight Data: REFERENCE MAGNETIC VARIATION = PAFA 21E/2010 DME/DME ASSESSMENT: NOT CONDUCTED. CHART FAIRBANKS LOCALIZERS RWY 2L AND RWY 20R, CHART: At or Above 12000 at PANNR					
					
(6) Arrival Name OOILL RNAV	(7) Number ONE	(8) STAR Computer Code OOILL.OOILL1	(9) Superseded Nr. NONE	(10) Dated	(11) Effective Date 20 SEP 2012

(16) Continuation:

(2) Arrival Route Description:

(17) Changes:**(18) Reasons for Changes:**QUALITY
CHECKED

(6) Arrival Name OOILL RNAV	(7) Number ONE	(8) STAR Computer Code OOILL.OOILL1	(9) Superseded Nr. NONE	(10) Dated	(11) Effective Date 20 SEP 2012
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US Department of Transportation Federal Aviation Administration							RNAV STAR (Data Record)			
(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS	
En Route Transition										
PANNR WP	660317.71N / 1481008.73W	Y		IF			AT/ABOVE 12000		PANNR.OOILL1	
OOILL WP	652534.49N / 1474524.89W	Y	FB	TF	164.72	39.20				
COMMON ROUTE										
OOILL WP	652534.49N / 1474524.89W	Y		IF					OOILL.OOILL1	
MUSHR WP	650929.14N / 1473239.12W	Y	FB	TF	161.54	17.01	AT/ABOVE 7000			
Runway Transition										
MUSHR WP	650929.14N / 1473239.12W	Y		IF						
GLDHL WP	645221.11N / 1480319.38W	Y	FB	TF	217.36	21.56	AT/ABOVE 6500	AT/BELOW 210K	IAF RNAV (RNP) Z RWY 2L	
SLUCE WP	644534.06N / 1481516.84W	Y	FO	TF	216.99	08.51	AT/ABOVE 5500			
RWY 2L				FM	216.99	05.00				
Runway Transition										
MUSHR WP	650929.14N / 1473239.12W	Y		IF						
TRPLN WP	650501.32N / 1473120.12W	Y	FB	TF	172.91	04.51	AT/ABOVE 5500		IAF RNAV (RNP) Z RWY 20R	
PELLT WP	650202.25N / 1473027.34W	Y	FO	TF	172.91	03.02	AT/ABOVE 4900			
RWY 20R				FM	191.00	05.00				
(11) Arrival Name OOILL RNAV		(12) Number ONE		(13) STAR Computer Code OOILL.OOILL1			(14) Superseded Nr. NONE		(15) Dated	(16) Effective Date 20 SEP 2012

**US Department of Transportation
Federal Aviation Administration****STAR (Data Record)**

SCANP PAFAPAGRW02L 0118000171 N64481529W147525851+0000 +0142400436075058150IICNA3
SCANP PAFAPAGRW20R 0118001971 N64493510W147503182+0000 +0143300439075056150IIFAI1



(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
OOILL RNAV	ONE	OOILL.OOILL1	NONE		20 SEP 2012

**US Department of Transportation
Federal Aviation Administration**
STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	PANNR	PANNR	010		IF		FB				AA 12000	
	PANNR	OOILL	020		TF		FB	1.0	143.7 ()	039.2		
		OOILL	010		IF		FB					
		MUSHR	020		TF		FB	1.0	140.5 ()	017.0	AA 07000	
	RW02L	MUSHR	010		IF		FB					
	RW02L	GLDHL	020		TF		FB	1.0	196.4 ()	021.6	AA 06500	AB 210
	RW02L	SLUCE	030		TF		FO	1.0	196.0 ()	008.5	AA 05500	
	RW02L	SLUCE	040		FM		FB		196.0 ()		AA 05500	
	RW20R	MUSHR	010		IF		FB					
	RW20R	TRPLN	020		TF		FB	1.0	151.9 ()	004.5	AA 05500	
	RW20R	PELLT	030		TF		FO	1.0	151.9 ()	003.0	AA 04900	
	RW20R	PELLT	040		FM		FB		170.0 ()		AA 04900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAI	N644800.26	W1480043.08	N6448.004	W14800.718
	GLDHL	N645221.11	W1480319.38	N6452.352	W14803.323
	MUSHR	N650929.14	W1473239.12	N6509.486	W14732.652
	OOILL	N652534.49	W1474524.89	N6525.575	W14745.415
	PANNR	N660317.71	W1481008.73	N6603.295	W14810.146
	PELLT	N650202.25	W1473027.34	N6502.038	W14730.456
	SLUCE	N644534.06	W1481516.84	N6445.568	W14815.281
	TRPLN	N650501.32	W1473120.12	N6505.022	W14731.335
	RW02L	N644815.29	W1475258.51	N6448.255	W14752.975
	RW20R	N644935.10	W1475031.82	N6449.585	W14750.530

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02L	00436	58
	RW20R	00439	56

(11)
Arrival Name
OOILL RNAV

(12)
Number
ONE

(13)
STAR Computer Code
OOILL.OOILL1

(14)
Superseded Nr.
NONE

(15)
Dated

(16)
Effective Date
20 SEP 2012