

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 |
|---------------------|-------------------------------|------------------------------|----------------------------|--------------------------|---------|----------|---------|--------------------------------|
| APPEL               | APPEL.FALCO5                  | APPEL/FAI 61.91 DME          | TIRNE/FAI 50.00 DME        | 221.92/12.01 (HDG)       | 12000   |          |         | AT/ABOVE 12000, AT/BELOW 13000 |
|                     |                               |                              | BNGAL/FAI 27.72 DME        | 223.16/22.87 (HDG)       | 11000   |          |         | AT 11000                       |
| EYEGO               | EYEGO.FALCO5                  | EYEGO/FAI 42.31 DME          | BNGAL                      | 250.13/17.86 (HDG)       | 6700    |          |         | AT 11000                       |
| CABIN               | CABIN.FALCO5                  | CABIN/FAI 86.89 DME          | RELMY/FAI 65.00 DME        | 204.00/21.89 (FAI R-024) | 12000   |          |         | AT/ABOVE 12000, AT/BELOW FL190 |
|                     |                               |                              | SOWAH/FAI 45.00 DME        | 204.00/20.00 (FAI R-024) | 12000   |          |         | AT/ABOVE 12000, AT/BELOW 15000 |
|                     |                               |                              | BNGAL                      | 204.00/17.28 (FAI R-024) | 11000   |          |         | AT 11000                       |

(2) Arrival Route Description: ...VIA FAI R-024/6.34 NM TO UBGEW/FAI 21.38 DME AND EIL R-318 TO FALCO/EIL 21.00 DME. EXPECT IFR OR VFR RECOVERY CLEARANCE AT BNGAL. LANDING RWY 14 CROSS FALCO AT OR BELOW 9000' AND AT OR ABOVE 5000'. LANDING RWY 32 CROSS FALCO AT 9000'.

(3) Procedural Data Notes: NOTE: MILITARY USE ONLY.  
NOTE: CHART NOT TO SCALE.  
NOTE: APPEL AND EYEGO TRANSITIONS: RADAR REQUIRED.  
NOTE: DME REQUIRED.

(4) Fixes and/or Holding Patterns: CHART HOLDING AT: FALCO, HOLD NW, RT, 138.00 INBOUND, 10 NM LEGS.

FAI VORTAC, EIL TACAN

(5) Communications: ANCHORAGE CENTER, FAIRBANKS APP CON, EIELSON TOWER, EIELSON GND CON, ATIS AND ASOS.

|                           |                    |                                        |                            |                          |                                    |
|---------------------------|--------------------|----------------------------------------|----------------------------|--------------------------|------------------------------------|
| (6) Arrival Name<br>FALCO | (7) Number<br>FIVE | (8) STAR Computer Code<br>FALCO.FALCO5 | (9) Superseded Nr.<br>FOUR | (10) Dated<br>12/15/2000 | (11) Effective Date<br>31 MAY 2012 |
|---------------------------|--------------------|----------------------------------------|----------------------------|--------------------------|------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                               |                           |                   |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|---------------------------|-------------------|----------------------------|
| <b>(12) Airports Served</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                               |                           |                   |                            |
| <b>Airport Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EIELSON AFB, AK   |                               |                           | <b>City/State</b> | FAIRBANKS, ALASKA          |
| <b>Airport Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                               |                           | <b>City/State</b> |                            |
| <b>Airport Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                               |                           | <b>City/State</b> |                            |
| <b>Airport Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                               |                           | <b>City/State</b> |                            |
| <b>Airport Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                               |                           | <b>City/State</b> |                            |
| <b>Airport Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                               |                           | <b>City/State</b> |                            |
| <b>(13) Lost Communications Procedure:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                               |                           |                   |                            |
| <p><b>(14) Remarks:</b> MINIMUM OBSTRUCTION CLEARANCE (MOCA) NOT REQUIRED FOR THIS PROCEDURE, ATC REQUEST.<br/> MAXIMUM AUTHORIZED ALTITUDES (MAA) NOT REQUIRED FOR THIS PROCEDURE, ATC REQUEST.<br/> FAI MAGNETIC VARIATION USED FOR HEADINGS IN THE APPEL AND EYEGO TRANSITIONS.</p>                                                                                                                                                                                                                                              |                   |                               |                           |                   |                            |
| <p><b>(15) Additional Flight Data:</b> REFERENCE MAGNETIC VARIATION = FAI PAFA 21E/2010, PAEI 23E/2005.<br/> CHART: RESTRICTED AREA R-2205, AND YUKON 1/2, VIPER A/B MILITARY OPERATIONS AREAS.<br/> CHART: EIL R-318 AT FALCO.<br/> CHART: CABIN – AT OR BELOW FL210; AT OR ABOVE 17,000.<br/> CHART: APPEL – AT OR BELOW 17000; AT OR ABOVE 14,000.<br/> CHART : EYEGO – AT 12000.<br/> CHART: FAI VORTAC R-024 TO CABIN (87) DME.<br/> CHART: FAI VORTAC R-041/42 DME TO EYEGO<br/> CHART: FAI VORTAC R-034/62 DME TO APPEL.</p> |                   |                               |                           |                   |                            |
| <b>(6) Arrival Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>(7) Number</b> | <b>(8) STAR Computer Code</b> | <b>(9) Superseded Nr.</b> | <b>(10) Dated</b> | <b>(11) Effective Date</b> |
| FALCO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FIVE              | FALCO.FALCO5                  | FOUR                      | 12/15/2000        | 31 MAY 2012                |

**(16) Continuation:****(17) Changes:**

1. FAIRBANKS VORTAC IS CHANGING FROM 28E TO 21E. THIS AFFECTS THE RADIAL/DME AIRSPACE EXIT FIXES CABIN, APPEL AND EYEGO. THE FAI MAGNETIC VARIATION OF 21E IS MANUALLY PROGRAMMED INTO THE PROPERTIES FOR EACH ROUTE TRANSITION USING THE NEWLY PROGRAMMED CAPABILITY IN THE SEP 4, 2009 TARGETS EDITION.
2. ADDED RADAR REQUIRED NOTE FOR APPEL AND EYEGO TRANSITIONS.
3. ADDED DME REQUIRED NOTE.

**(18) Reasons for Changes:**

1. FAI MAG VAR CHANGE FROM 28E TO 21E.
2. ROUTES ARE DEAD RECKONING
3. ALL FIXES LOCATIONS ARE DME ONLY



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

SCANP PAEIPAGRW14 0145301362 N64410315W147070451+0100 +0172300534000049150IIEIL1  
SCANP PAEIPAGRW32 0145303162 N64384949W147050585-0100 +0176500547000049150IIEAF1

| (11)<br>Arrival Name | (12)<br>Number | (13)<br>STAR Computer Code | (14)<br>Superseded Nr. | (15)<br>Dated | (16)<br>Effective Date |
|----------------------|----------------|----------------------------|------------------------|---------------|------------------------|
| FALCO                | FIVE           | FALCO.FALCO5               | FOUR                   | 12/15/2000    | 31 MAY 2012            |

FAA Form 7100-3 (9/02)

**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 |
|--------|------------|-------|-----|-----|------|------|-------|-----|------------|----------|---------------|-------|
|        | APPEL      | APPEL | 010 |     | IF   |      | FB    |     |            |          | BT 1700014000 |       |
|        | APPEL      | TIRNE | 020 |     | TF   |      | FB    |     | 221.9 ( )  | 012.0    | BT 1300012000 |       |
|        | APPEL      | BNGAL | 030 |     | TF   |      | FB    |     | 223.2 ( )  | 022.9    | AT 11000      |       |
|        | CABIN      | CABIN | 010 |     | IF   |      | FB    |     |            |          | BT FL21017000 |       |
|        | CABIN      | RELMY | 020 |     | TF   |      | FB    |     | 204.0 ( )  | 021.9    | BT FL19012000 |       |
|        | CABIN      | SOWAH | 030 |     | TF   |      | FB    |     | 204.0 ( )  | 020.0    | BT 1500012000 |       |
|        | CABIN      | BNGAL | 040 |     | TF   |      | FB    |     | 204.0 ( )  | 017.3    | AT 11000      |       |
|        | EYEGO      | EYEGO | 010 |     | IF   |      | FB    |     |            |          | AT 12000      |       |
|        | EYEGO      | BNGAL | 020 |     | TF   |      | FB    |     | 250.1 ( )  | 017.9    | AT 11000      |       |
|        |            | BNGAL | 010 |     | IF   |      | FB    |     |            |          | AT 11000      |       |
|        |            | UBGEW | 020 |     | TF   |      | FB    |     | 204.0 ( )  |          |               |       |
|        | RW14       | UBGEW | 010 |     | IF   |      | FB    |     |            |          |               |       |
|        | RW14       | FALCO | 020 |     | TF   |      | FB    |     | 138.0 ( )  |          | BT 0900005000 |       |
|        | RW32       | UBGEW | 010 |     | IF   |      | FB    |     |            |          |               |       |
|        | RW32       | FALCO | 020 |     | TF   |      | FB    |     | 138.0 ( )  |          | AT 09000      |       |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
|            | APPEL    | N652258.47  | W1460008.91  | N6522.975   | W14600.149   |
|            | BNGAL    | N650725.35  | W1471419.72  | N6507.423   | W14714.329   |
|            | CABIN    | N654801.86  | W1453129.20  | N6548.031   | W14531.487   |
|            | EYEGO    | N650710.25  | W1463205.00  | N6507.171   | W14632.083   |
|            | FALCO    | N645900.34  | W1472143.80  | N6459.006   | W14721.730   |
|            | RELMY    | N653308.68  | W1461009.50  | N6533.145   | W14610.158   |
|            | SOWAH    | N651924.02  | W1464450.73  | N6519.400   | W14644.846   |
|            | TIRNE    | N651729.40  | W1462536.60  | N6517.490   | W14625.610   |
|            | UBGEW    | N650300.19  | W1472502.22  | N6503.003   | W14725.037   |
|            | RW14     | N644103.15  | W1470704.51  | N6441.053   | W14707.075   |
|            | RW32     | N643849.49  | W1470505.85  | N6438.825   | W14705.098   |

| RUNWAY DATA | RWY  | THRESHOLD<br>ELEVATION | TCH |
|-------------|------|------------------------|-----|
|             | RW14 | 00534                  | 49  |
|             | RW32 | 00547                  | 49  |

(11)  
Arrival Name  
FALCO

(12)  
Number  
FIVE

(13)  
STAR Computer Code  
FALCO.FALCO5

(14)  
Superseded Nr.  
FOUR

(15)  
Dated  
12/15/2000

(16)  
Effective Date  
31 MAY 2012