

# OPERATIONAL FLIGHT PLAN


| NOTES AND CLEARANCE | FLIGHT TIMES   |          |           |          |                       |           | TOTALS              |     |
|---------------------|----------------|----------|-----------|----------|-----------------------|-----------|---------------------|-----|
|                     | TACH OUT       | TACH IN  | BLOCK OFF | TAKE OFF | LANDING               | BLOCK ON  | BLOCK               | A/B |
|                     |                |          |           |          |                       |           |                     |     |
|                     | FREQUENCIES AD |          |           |          | FREQUENCIES ENR       |           |                     |     |
|                     | AIRPORT        | TWR      | ATIS      |          | STATION               | FREQUENCY |                     |     |
|                     | DEP            |          |           |          |                       |           |                     |     |
|                     | ARR            |          |           |          |                       |           |                     |     |
|                     | ALT            |          |           |          |                       |           |                     |     |
|                     | FUEL           |          |           |          | MISCELLANEOUS DETAILS |           |                     |     |
|                     | POWER          | ALTITUDE | TAS       | FF       | EXPECTED QNH          |           | TRANSITION ALTITUDE |     |
|                     |                |          |           |          |                       |           |                     |     |
|                     |                |          |           |          |                       |           |                     |     |
|                     |                |          |           |          |                       |           |                     |     |
| TOTAL FUEL ONBOARD: |                |          |           |          |                       |           |                     |     |

| WAYPOINT | ALTITUDE  |    | WIND |     | SPEED |     | COURSE |     |     |     |     | DISTANCE |     | TIME |      |     |     |     |      | FUEL |     |     |     |
|----------|---|----|------|-----|-------|-----|--------|-----|-----|-----|-----|----------|-----|------|------|-----|-----|-----|------|------|-----|-----|-----|
|          | ALT/FL  | MA | DIR  | KTS | TAS   | GS  | TT     | VAR | MT  | WCA | MH  | INT      | TOT | ETE  | TOT  | ETO | ATO | DIF | RETO | INT  | REM | MIN | ACT |
|          | 5500  |    | 228  | 22  | 76    | 63  |        |     | 276 | 0   | 276 | 7        | 7   | 0:07 | 0:07 |     |     |     |      | 2.1  |     |     |     |
|          | 6000  |    | 231  | 31  | 115   | 84  |        |     | 237 | 0   | 237 | 15       | 22  | 0:11 | 0:18 |     |     |     |      | 1.2  |     |     |     |
|          | 6000  |    | 224  | 31  | 115   | 87  |        |     | 247 | 0   | 247 | 24       | 46  | 0:16 | 0:34 |     |     |     |      | 1.4  |     |     |     |
|          | 6000  |    | 209  | 31  | 115   | 87  |        |     | 233 | 0   | 233 | 21       | 67  | 0:15 | 0:49 |     |     |     |      | 1.5  |     |     |     |
|          | 6000  |    | 203  | 33  | 115   | 113 |        |     | 104 | 0   | 104 | 23       | 90  | 0:12 | 1:01 |     |     |     |      | 1.2  |     |     |     |
|          | 6000  |    | 210  | 33  | 115   | 146 |        |     | 043 | 0   | 043 | 16       | 106 | 0:07 | 1:08 |     |     |     |      | 0.6  |     |     |     |
|          | 6000  |    | 214  | 32  | 115   | 146 |        |     | 045 | 0   | 045 | 8        | 114 | 0:03 | 1:11 |     |     |     |      | 0.3  |     |     |     |
|          | 6000  |    | 216  | 32  | 115   | 115 |        |     | 130 | 0   | 130 | 2        | 116 | 0:20 | 1:32 |     |     |     |      | 2.1  |     |     |     |
|          | 6000  |    | 215  | 33  | 115   | 136 |        |     | 077 | 0   | 077 | 7        | 123 | 0:03 | 1:35 |     |     |     |      | 0.3  |     |     |     |
|          | 4900  |    | 219  | 32  | 90    | 118 |        |     | 074 | 0   | 074 | 8        | 131 | 0:02 | 1:39 |     |     |     |      | 0.4  |     |     |     |
|          | 2400  |    | 215  | 30  | 90    | 119 |        |     | 015 | 0   | 015 | 10       | 141 | 0:05 | 1:44 |     |     |     |      | 0.5  |     |     |     |
|          | 800   |    | 202  | 21  | 90    | 113 |        |     | 030 | 0   | 030 | 6        | 147 | 0:03 | 1:47 |     |     |     |      | 0.4  |     |     |     |
|          | 415   |    | 194  | 15  | 95    | 105 |        |     | 318 | 0   | 318 | 2        | 149 | 0:01 | 1:48 |     |     |     |      | 0.1  |     |     |     |
|          |   |    |      |     |       |     |        |     |     |     |     |          |     |      |      |     |     |     |      |      |     |     |     |
|          |   |    |      |     |       |     |        |     |     |     |     |          |     |      |      |     |     |     |      |      |     |     |     |
|          |   |    |      |     |       |     |        |     |     |     |     |          |     |      |      |     |     |     |      |      |     |     |     |
|          | CLOSE THE FLIGHT PLAN WHEN ARRIVING AT AN UNCONTROLLED AIRPORT - STOCKHOLM ATCC 08-585 545 05 - MALMÖ ATCC 040-50 16 05 |    |      |     |       |     |        |     |     |     |     |          |     |      |      |     |     |     |      |      |     |     |     |

| FLIGHT DETAILS |          |                  |                  |
|----------------|----------|------------------|------------------|
| DATE OF FLIGHT | A/C TYPE | A/C REGISTRATION | PILOT IN COMMAND |

| MASS AND BALANCE               |      |     |        | FUEL CALCULATION                |      |        | PERFORMANCE                                   |       |                  |  |
|--------------------------------|------|-----|--------|---------------------------------|------|--------|---|-------|------------------|--|
| ITEM DESCRIPTION               | MASS | ARM | MOMENT | PHASE                           | TIME | AMOUNT | TAKE OFF                                      |       |                  |  |
| BEM                            |      |     |        | TAXI FUEL                       |      |        | TAKE OFF DISTANCE:                            |       | AT TOM:          |  |
| + PILOTS                       |      |     |        | TRIP FUEL                       |      |        | TAKE OFF DISTANCE REQUIRED:                   |       | DEP AD:          |  |
| + PASSENGERS                   |      |     |        | ROUTE RESERVE 10%               |      |        | TODA:   |       |                  |  |
| + NOSE BAGGAGE                 |      |     |        | ALTERNATE 1                     |      |        | LANDING                                       |       |                  |  |
| + DE ICE FLUID                 |      |     |        | ALTERNATE 2                     |      |        | LANDING DISTANCE:                             |       | AT LM:           |  |
| + FORWARD BAGGAGE              |      |     |        | FINAL RESERVE                   |      |        | LANDING DISTANCE REQUIRED:                    |       | LDA ALT ____:    |  |
| + REAR BAGGAGE                 |      |     |        | EXTRA FUEL                      |      |        | LDA:  |       | LDA ALT ____:    |  |
| = ZERO FUEL MASS               |      |     |        | MIN REQUIRED FUEL               |      |        | SINGLE ENGINE PERFORMANCE (FOR ME OPERATIONS) |       |                  |  |
| + MAIN FUEL                    |      |     |        | SURPLUS FUEL                    |      |        | MASS:   | TEMP: | SERVICE CEILING: |  |
| + AUX FUEL                     |      |     |        | TOTAL FUEL ON BOARD             |      |        | MASS:   | TEMP: | SERVICE CEILING: |  |
| - TAXI FUEL                    |      |     |        | DATA ABOVE CHECKED WITH POH/AFM |      |        |   |       |                  |  |
| = TOM                          |      |     |        |                                 |      |        |   |       |                  |  |
| - TRIP FUEL                    |      |     |        |                                 |      |        |   |       |                  |  |
| - TRIP DE ICE FLUID            |      |     |        |                                 |      |        |   |       |                  |  |
| = LM                           |      |     |        |                                 |      |        |   |       |                  |  |
| GREY AREAS FOR DA42 OPERATIONS |      |     |        |                                 |      |        |   |       |                  |  |

PIC SIGNATURE \_\_\_\_\_

| CONVERSION TABLE  |   |           | WEATHER PLANNING        |  | NOTES AND FIGURES |
|---|---|-----------|-------------------------|--|-------------------|
| 1 IN  | = | 2,54 CM   | TAKE OFF WX MINIMA:     |  |                   |
| 1 LBS   | = | 0,454 KG  |                         |  |                   |
| 1 USG   | = | 3,785 L   |                         |  |                   |
| 1 USG AVGAS 100LL   | = | 2,725 KG  |                         |  |                   |
| 1 KG AVGAS 100LL  | = | 0,367 USG |                         |  |                   |
| 1 USG JET A1  | = | 3,066 KG  |                         |  |                   |
| 1 KG JET A1   | = | 0,325 USG | LANDING WX MINIMA DEST: |  |                   |
| 1 L TKS FLUID   | = | 1,1 KG    |                         |  |                   |
|   |   |           |                         |  |                   |
|  |   |           |                         |  |                   |

