

5010 Airport Master Record

What are 5010's?

Presented to: 2010 Bismarck ADO Fall Seminar

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Federal Aviation
Administration



Airport Master Records

- Airport Master Record Data is stored and derived from the National Airspace System Resources (NASR) Database
 - Form 5010-1 Established Civil Public-Use/Joint/Military
 - Form 5010-2 Established Private-Use
- Published on-line at www.gcr1.com/5010web
- Form 5010-1 and 5010-2 are computer reports downloaded from FAA Air Traffic NASR Database

Airport Safety Data Program Office AAS-330





Airport Master Records

- **All airside needs must be met prior to receipt of a revenue producing grant (hangars and fuel farms).**
 - Pavement Condition (5010)
 - No obstructions in the approaches (5010)

No airside development projects in the airports ACIP and no other critical needs (RPZ, RSA, Wildlife Hazards) are covered under revenue producing.



Airport Master Records

- **5010's are reviewed at the HQ level to determine that the pavement condition is good to ensure that the "aeronautical need" has been met.**
- **Pavement Condition (5010)**
 - Must be at least G (good) on the computer generated master record
 - If not, sponsor shall provide current PCI good (or better) pavement condition and submit a revised 5010 to the FAA Bismarck ADO



Airport Master Records

- 5010's are reviewed at the HQ level to determine that there are no obstructions in the airport approaches. The following minimum* criteria is used to determine that an "aeronautical need" has been met.
- If not, sponsor shall provide proof of removal of the obstruction and submit a revised 5010 to the FAA

| Approach Type | Slope* |
|---|--------|
| Visual (A and B) | 20:1 |
| Non-precision with \geq $\frac{3}{4}$ mile visibility (A and B) | 20:1 |
| Non-precision with $<$ $\frac{3}{4}$ mile visibility (A and B) | 34:1 |
| Precision | 34:1 |



| | | | |
|------------------------|---------------|-----------|------------------|
| >1 ASSOC CITY: | 4 STATE: | LOC ID: | FAA SITE NR: |
| >2 AIRPORT NAME: | 6 REGION ADO: | 5 COUNTY: | 7 SECT AERO CHT: |
| 3 CBD TO AIRPORT (NM): | | | |

| GENERAL | SERVICES | BASED AIRCRAFT |
|------------------------------|----------------------|-------------------|
| 10 OWNERSHIP: | >70 FUEL: | 90 SINGLE ENG: |
| >11 OWNER: | >71 AIRFRAME RPRS: | 91 MULTI ENG: |
| >12 ADDRESS: | >72 PWR PLANT RPRS: | 92 JET: |
| | >73 BOTTLE OXYGEN: | TOTAL |
| >13 PHONE NR: | >74 BULK OXYGEN: | 93 HELICOPTERS: |
| >14 MANAGER: | 75 TSNT STORAGE: | 94 GLIDERS: |
| >15 ADDRESS: | 76 OTHER SERVICES: | 95 MILITARY: |
| | | 96 ULTRA-LIGHTS: |
| >16 PHONE NR: | | |
| 17 ATTENDANCE SCHEDULE: | | |
| MONTHS DAYS HOURS | FACILITIES | OPERATIONS |
| 18 AIRPORT USE: | >80 ARPT BCN: | 100 AIR CARRIER: |
| 19 ARPT LAT: | >81 ARPT LGT SKED: | 101 COMMUTER: |
| 20 ARPT LONG: | >82 UNICOM: | 102 AIR TAXI: |
| 21 ARPT ELEV: | >83 WIND INDICATOR: | 103 G A LOCAL: |
| 22 ACREAGE: | 84 SEGMENTED CIRCLE: | 104 G A ITRNRT: |
| >23 RIGHT TRAFFIC: | 85 CONTROL TWR: | 105 MILITARY: |
| 24 NON-COMM LANDING: | 86 FSS: | TOTAL |
| 25 NPIAS/FEDERAL AGREEMENTS: | 87 FSS ON ARPT: | |
| 26 PART 139 INDEX: | 88 FSS PHONE NR: | OPERATIONS FOR 12 |
| | 89 TOLL FREE NR: | MONTHS ENDING |

| RUNWAY DATA | FACILITIES | OPERATIONS |
|--------------------------------|------------|------------|
| >30 RUNWAY IDENT: | | |
| >31 LENGTH: | | |
| >32 WIDTH: | | |
| 33 SURF TYPE-COND: | | |
| 34 SURF TREATMENT: | | |
| 35 GROSS WT. SW: | | |
| 36 (IN THSDS) DW: | | |
| 37 DTW | | |
| 38 DDTW | | |
| LIGHTING/APCH AIDS | | |
| >40 EDGE INTENSITY: | | |
| >42 RWY MARK TYPE-COND: | | |
| >43 VGS: | / | / |
| 44 THR CROSSING HGT: | / | / |
| 45 VISUAL GLIDE ANGLE: | / | / |
| >46 CNTRLN-TDZ: | / | / |
| >47 RVR-RVV: | / | / |
| >48 REIL: | / | / |
| >49 APCH LIGHTS: | / | / |
| OBSTRUCTION DATA | | |
| 50 PART 77 CATEGORY: | / | / |
| >51 DISPLACED THLD | / | / |
| >52 CTLG OBSTN: | / | / |
| >53 OBSTN MARKED/LGTD: | / | / |
| >54 HGT ABOVE RWY END: | / | / |
| >55 DIST FROM RWY END: | / | / |
| 56 CNTRLN OFFSET: | / | / |
| 57 OBSTN CLNC SLOPE: | / | / |
| 58 CLOSE-IN OBSTN: | / | / |
| DECLARED DISTANCES | | |
| >60 TAKE OFF RUN AVBL (TORA) | / | / |
| >61 TAKE OFF DIST AVBL (TODA) | / | / |
| >62 ACLT STOP DIST AVBL (ASDA) | / | / |
| >63 LNDG DIST AVBL (LDA) | / | / |

(-) ARPT MGR PLEASE ADVISE FSS IN ITEM 86 WHEN CHANGES OCCUR TO ITEMS PRECEDED BY-

>110 REMARKS:

| | | |
|-------------------|----------------|--------------------|
| 111 INSPECTOR (5) | 112 LAST INSP: | 113 LAST INFO REQ: |
|-------------------|----------------|--------------------|



LIGHTING/APCH AIDS

- > 40 EDGE INTENSITY:
- > 42 RWY MARK TYPE-COND:
- > 43 VGSI:
- 44 THR CROSSING HGT:
- 45 VISUAL GLIDE ANGLE:
- > 46 CNTRLN-TDZ:
- > 47 RVR-RVV:
- > 48 REIL:
- > 49 APCH LIGHTS:

| | | |
|-------------------|-------|-------|
| NSTD | | |
| BSC - F / BSC - F | - / - | - / - |
| / S2L | / | / |
| / 25 | / | / |
| / 3.00 | / | / |
| - / - | - / - | - / - |
| - / - | - / - | - / - |
| / | / | / |
| / | / | / |

OBSTRUCTION DATA

- 50 FAR 77 CATEGORY:
- > 51 DISPLACED THR:
- > 52 CTLG OBSTN:
- > 53 OBSTN MARKED/LGTD:
- > 54 HGT ABOVE RWY END:
- > 55 DIST FROM RWY END:
- > 56 CNTRLN OFFSET:
- 57 OBSTN CLNC SLOPE:
- 58 CLOSE-IN OBSTN:

| | | |
|-------------|---|---|
| A(V) / A(V) | / | / |
| / | / | / |
| TREE / ROAD | / | / |
| / | / | / |
| 10 / 15 | / | / |
| 325 / 225 | / | / |
| 130L / 0B | / | / |
| 12:1 / 1:1 | / | / |
| N / Y | / | / |

DECLARED DISTANCES

- > 60 TAKE OFF RUN AVBL (TORA):
- > 61 TAKE OFF DIST AVBL (TODA):
- > 62 ACLT STOP DIST AVBL (ASDA):
- > 63 LNDG DIST AVBL (LDA):

| | | |
|---|---|---|
| / | / | / |
| / | / | / |
| / | / | / |
| / | / | / |



Airport Master Records

- **Updates should be made by Sponsor on 5010-1**
 - All NEW construction
 - Reconstruction changes dimensions/alignment
- **Annotate changes in RED ink and submit marked up 5010-1 to Bismarck ADO.**
- **Reference A/C 150-5200-35, Submitting the Airport Master Record in order to activate a new airport.**



Airport Master Records

Questions?

