Airport FAA 5010 Safety Inspections

What does that mean????

Inspectors are responsible for reporting accurate information about all landing facilities in the state to insure safety for pilots while in the air and on the ground.

Who sent you here????

I was sent here by LaDOTD Aviation to represent the FAA to examine your facility and prepare a report of my findings.

Why are you here????

Because inspections are required by the FAA to insure that the facility is compliant with the Federal Aviation Regulations Part 77, the FAA Advisory Circulars,and Titles 2 and 70 of the Louisiana Administrative Code

How often do you inspect????

Once a year for Public use facilities and once every three to five years for Private use facilities.

What gets inspected????

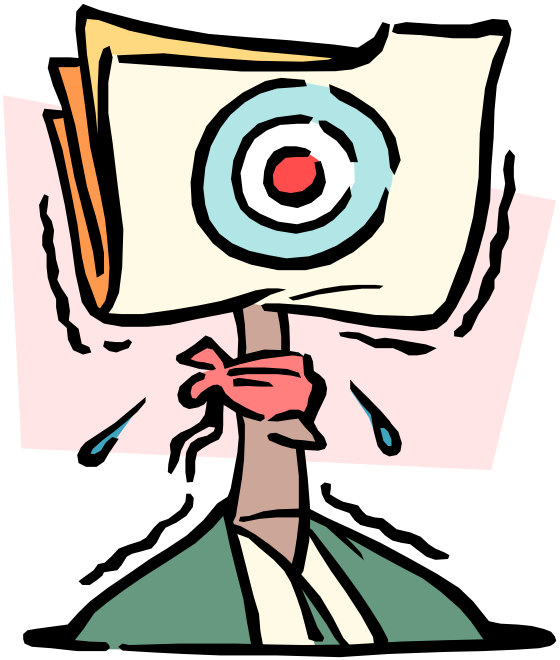
Anything listed within the FAA 5010 Maintenance inspection report, state requirements, and any additional safety or engineering issues.

What does that include????

Basically, the inspector can examine anything on the airport as well as airport documents.

Specifically, the FAA 5010 Inspection includes information about each of these broad topics.

General Information
Services and Facilities
Based Aircraft and Operations
Runway Information



Whoa,

That’s a lot!

Yes it is…

So let’s get the discussion started now.

General Information

The following info is updated:

Owners

Manager

Addresses & Phone Numbers

Email Contact

Lat / Long Coordinates

And…here is an example of a 5010 report for General Information

General Information | Services & Facilities | Based Aircraft & Operations | Runway Inform

WOODWORTH (1R4) Copy ALL FAA Data SAVE

General Information

Additional documentation is required for changing Airport Name. Please see Home Page menu.

1. *Assoc. City: WOODWORTH Add rmk FAA Site Number: 07801.1*A
*Additional documentation is required to make this change. Please see Home Page menu.
3. CBD To Airport(NM)/Dir.: 2 S Add rmk
4. State: LA Add rmk 5. County: RAPIDES Add
6. Region / ADO Code: ASW / (None) (None) 7. Sectional Aeronautical Chart: HOUSTON
Airport Web Address:

Owner Information

10. Ownership: PU-Publicly Owned Add rmk
11. Owner: LA DEPT OF AG AND FORESTRY Add rmk
12. Address 1: PO BOX 298 Add rmk
12. Address 2: Add rmk
12. City / State / Zip / +4: WOODWORTH LA 71485 Add rmk
13. Phone Number: 318-487-5989 Add rmk
Owner Email:

Manager Information

14. Name: PETER RUDESILL Add rmk
15. Address 1: LA DEPT OF AG AND FORESTRY Add rmk
15. Address 2: PO BOX 3481 Add rmk
15. City / State / Zip / +4: BATON ROUGE LA 70821 3481 Add rmk
16. Phone Number: 225-952-8169 Add rmk
Manager Email: prudesill@ldaf.state.la.us
17. Attendance Schedule: View Attendance Schedule

Airport Geography

18. *Airport Use: PU
*Additional documentation is required to make this change. More Info...
19. Latitude D / M / S / Hem: 31 / 7 / 34.87 / N Add rmk
20. Longitude D / M / S / Hem: 92 / 30 / 4.64 / W Add rmk
Lat/Long Survey Method: E Add rmk
21. Elevation / Survey Method: 140 / E Add rmk 22. Acreage: 10 Add r

23. (For Right Traffic, see **Runway Information** tab for each runway end.)
24. N-C Landing Fee: No Add rmk 25. NPIAS/Federal Agreements:
26. FAR 139:

Services and Facilities

Fuel types

Repairs and other services

Airport beacon

Radio frequencies

Airport light schedule

Wind indicators

Segmented Circle

Fuel types

Fuel Types


FLAMMABLE
750
NO SMOKING
Chevron
1203
3
6 -09
V K
EAGLEVIEW
AVGAS 100LL

Self Service Fuel

Self-Service Fuel

Repairs and Other Services

Airport Beacon…like this

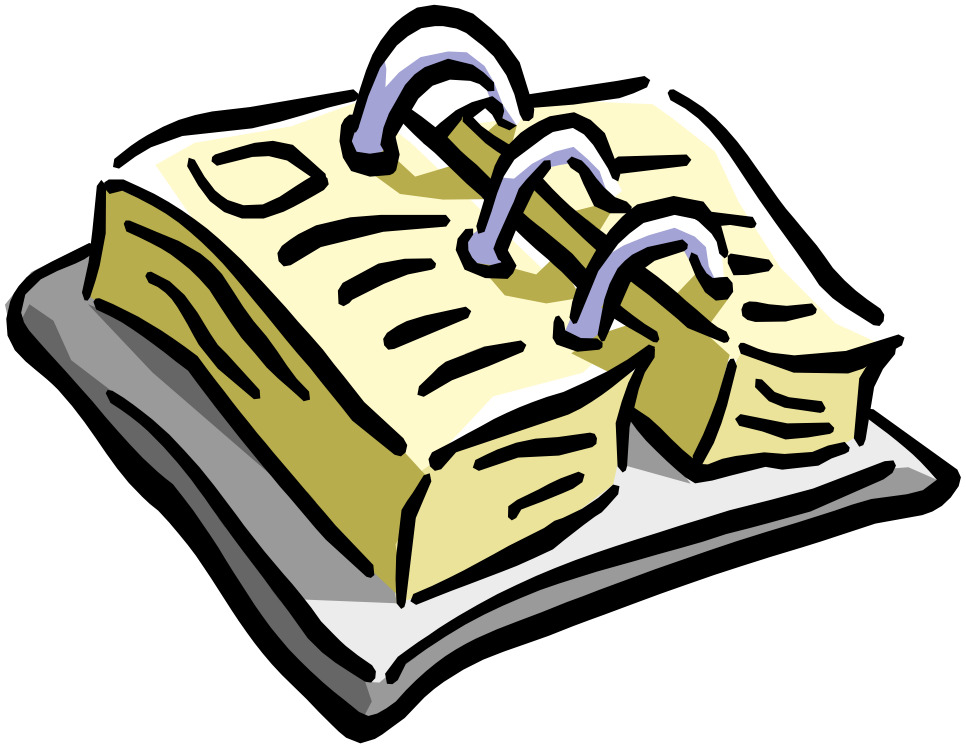
Airport Beacon…like this

Airport Beacon…not like this

Radio Frequencies

Radio Frequencies…like this

Airport Light Schedule



Wind Indicator… Like This

Or this…

But not this…

Segmented Circle…like this

Segmented Circle…like this

Segmented Circle…like this

Segmented Circle…but not this

And…here is an example of a 5010 report for Services and Facilities

General Information | Services & Facilities | Based Aircraft & Operations | Runway Inform

WOODWORTH (1R4)

Copy ALL FAA Data | SAVE

Services

70. Fuel Types: Edit Fuel Types

71. Airframe Repairs: (null) Add rmk

72. Power Plant Repairs: (null) Add rmk

73. Bottle Oxygen: (null) Add rmk

74. Bulk Oxygen: (null) Add

75. Transient Storage: Hangar: No Buoy: No Tie: Yes

76. Other Services: Edit Other Servic

Facilities

80. Airport Beacon: CG-Clear Green Add rmk

81. Airport Light Schedule: DUSK-DAWN View rmk

82. UNICOM: (null) Add rmk

83. Wind Indicator: Yes-Lighted Add rmk

84. Segmented Circle: No Add rmk

85. Control Tower: N

86. Flight Service Station (FSS): DE RIDDER

87. FSS on Airport: N

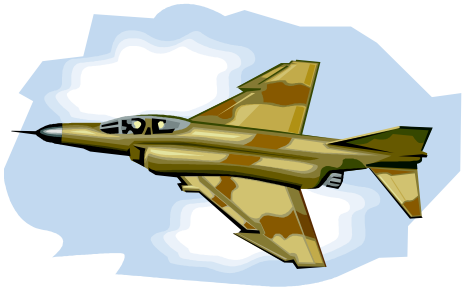
88. FSS Phone Number:

89. Toll Free Number: 1-800-WX-BRIEF

Based Aircraft and Operations

Based Aircraft and Operations
Type of Aircraft

Single Engine
Multi Engine
Jet
Helicopters
Gliders
Military
Ultra-Light



Based Aircraft & Operations

No. of aircraft based at facility

Aircraft operations by categories

And…here is an example of a 5010 report for Based Aircraft and Operations

General Information | Services & Facilities | Based Aircraft & Operations | Runway Inform

WOODWORTH (1R4)

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Based Aircraft

(Count of operational and air worthy aircraft normally based at the facility a majority of the year.)

Get BA Counts

90. Single Engine:	9
91. Multi Engine:	
92. Jet:	
TOTAL FIXED WING (SE + ME + J)	9
93. Helicopters:	2
94. Gliders:	
95. Military:	
96. Ultra-Light:	

Operations

(12-month count of operations; either takeoffs or landings.)

100. Air Carrier:	
102. Air Taxi:	
103. General Aviation Local:	10000
104. General Aviation Itinerant:	8000
105. Military:	
TOTAL OPERATIONS	18,000

Operations for 12 Months Ending: 6/7/2010

Date Format: MM/DD/YYYY

110. Airport Remarks:	View Airport Remarks	Inspected By*:	DAVID A. SMITH
111. Inspector*:	S		
112. Last Inspect*:	6/7/2010		

* = Elements editable only during submittal of a FULL inspection.

Runway Information

Surface types and condition

Lighting & approach aids

Obstruction data

Declared distances

Surface Types

Concrete
Asphalt
Turf

Sometimes there are 2 types on 1 runway

Sometimes… all 3

Surface Conditions

Excellent

Good

Fair

Poor

Failed

Runway, Good Condition

Runway, Fair Condition

Runway, Poor Condition

Runway, Poor Condition

Heliport, Failed

Lighting & Approach Aids

Type and Condition of
Runway Markings
Runway Lighting

Runway Markings

No Markings
Basic
Non-Precision Instrument
Precision Instrument

Runway Marking Conditions

Good

Fair

Poor

Markings, Good Condition

Markings, Good Condition

Markings, Fair Condition

Markings, Poor Condition

Markings, Poor Condition

Markings, Poor Condition

Runway Lighting & Other Aids

Approach lights

Visual approach slope indicator

Runway end indicator lights

Centerline lights

Threshold lights

Runway edge lights

Runway lead off taxi lights

Taxiway lights

Approach Lights

Visual Approach Slope Indicator

Runway End Indicator Lights

Runway End Indicator Lights

Threshold Lights

Runway Lead Off Taxi Lights

Taxiway Lights

Obstruction Data

FAR 77 Category

Controlling Obstruction

Height Above Runway End

Distance From Runway End

Obstruction Clearance Slope

Obstruction

Obstruction

Obstruction

Obstruction

Obstruction

Obstruction Clearance Slopes

20:1…Visual Runway

34:1…Instrument Runway

40:1…Departure for IFR Runway

And…here is an example of a 5010 report for Runway Information

General Information ▶ Services & Facilities ▶ Based Aircraft & Operations ▶ Runway Inform

WOODWORTH (1R4)

Copy ALL FAA Data SAVE

Select a Runway: 01/19

Additional documentation is required to Add or Remove an aircraft takeoff or landing area of an airport. More Info...

01/19

General Information

30. Runway Identification: 01/19 Add rmk

31. Length: 3100
Additional documentation is required to make this change. More Info...

32. Width: 75
Additional documentation is required to make this change. More Info...

33. Surface Type: ASPH-Asphalt/Bituminous Concrete View rmk

Surface Condition: F-FAIR Add rmk

34. Surface Treatment: (null) Add rmk

Gross Weight (In Thousands):

35. S: 12

36. D:

37. 2D:

38. 2D/2D2:

Survey Method (S):
Survey Method (D):
Survey Method (2D):
Survey Method (2D/2D2):

39. Pavement Classification Number (PCN):

Pavement Class: Add rmk

Pavement Type: (null) Add rmk

Subgrade Strength: (null) Add rmk

Tire Pressure Limit: (null) Add rmk

Rating Method: (null) Add rmk

40. Edge Intensity: MED-Medium Intensity Add rmk

End Data

Click to view difference between FAA and Inspector data.

	End 01	End 1
Lighting/Approach Aids		
23. Right Traffic:		N
Additional documentation is required to make this change. More Info...		
42. Runway Marking Type:	BSC-Basic Add rmk	BSC-Basic
Runway Marking Condition:	G-GOOD View rmk	G-GOOD View rmk
43. Visual Glide Slope Indicator (VGSI):	S2R-2 Box SAVASI R of Rwy View rmk	S2R-2 Box SAVASI R of Rwy
44. Threshold Crossing Height:	20 Add rmk	20 Add rmk
45. Visual Glide Angle:	4 Add rmk	4 Add rmk
46. Centerline:	(null) Add rmk	(null) Add rmk
Touchdown Zone:	(null) Add rmk	(null) Add rmk
47. Runway Visual Range (RVR):	(null) Add rmk	(null)
Runway Visual Value (RVV):	(null) Add rmk	(null) Add rmk
48. Runway End Indicator Lights (REIL):	(null) Add rmk	(null) Add rmk
49. Approach Lights:	(null) Add rmk	(null)

	End 01	End 1
Obstruction Data		
50. FAR 77 Category:	A(V)-Util Rwy, Vis Aprch Add rmk	A(V)-Util Rwy, Vis Aprch
51. Displaced Threshold:		
Additional documentation is required to make this change. More Info...		
52. Controlling Obstruction:	TREES-Forest, Orchard, Grove, etc. Add rmk	TREES-Forest, Orchard, Grove,
53. Obstruction Marked/Lighted:	(null) Add rmk	(null) Add rm
54. Height Above Runway End:	30 Add rmk	75 Add rmk
55. Distance From Runway End:	650 Add rmk	1230 Add rmk
56. Centerline Offset:	0 Add rmk	0 Add rmk
Centerline Offset Direction:	B-Both sides (On Centerline) Add rmk	B-Both sides (On Centerline)
57. Obstruction Clearance Slope:	15 Add rmk	13 Add rmk
58. Close-In Obstruction:	No Add rmk	No Add rmk

Declared Distances		
60. Take Off Run Available (TORA):	Add rmk	Add rmk
61. Take Off Distance Available (TODA):	Add rmk	Add rmk
62. Accelerate Stop Distance Available (ASDA):	Add rmk	Add rmk
63. Landing Distance Available (LDA):	Add rmk	Add rmk

And, finally

Name of inspector

Date of inspection

Who gets the report????

After the 5010 report is submitted to the FAA, a written report of the inspectors findings is sent to the airport sponsor, the airport manger, and the DOTD Aviation Director and Aviation Program Managers.

How does the FAA use the report????

They use the report to justify FAA funded projects.

The info is also used to update:

Airport / Facility Directory (AFD)

U.S. IFR Terminal Procedures

How does LaDOTD Aviation use the report?

They use the report to help identify the needs of the airports for development of the CIPs.

Questions and Comments