Flight Planning Calculator

Inspection Summary Report

Version by: Mac Daddy Inc.

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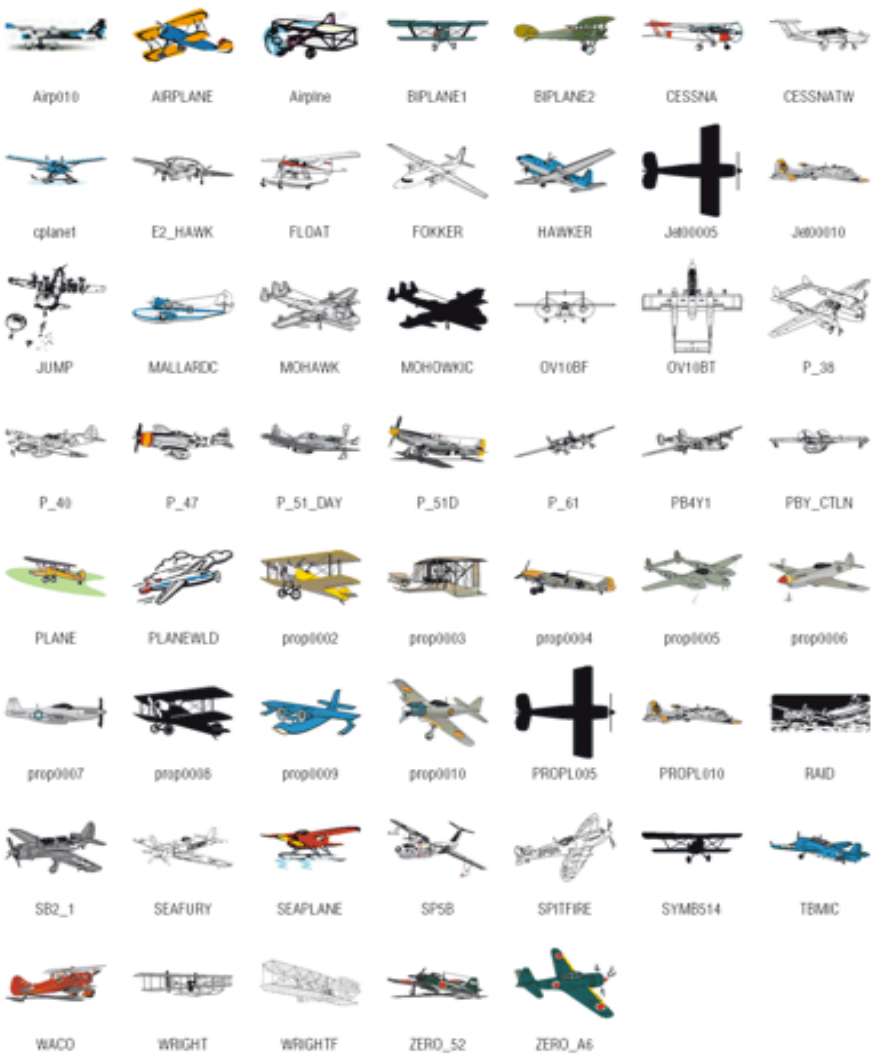

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INSPECTION SUMMARY REPORT

General Inspection Information

Project: FPC		Work Product ID		Size Measure		Size	4
Type of Inspection (Reqs, Design, Code, other)	Reqs	Inspection Meeting Duration (in minutes)		90	Date	02-29-12	

Role	Name	# Major Defects	Size	Time (non-mtg)	Rate	Est Yield
Moderator	John Cossu					
Author						
Recorder	John Cossu					
Inspector 1	Stephen Woodford	7	4			
Inspector 2	Kenneth Kunania	8	4			
Inspector 3	Jun Ma	4	4			
Inspector 4						

Defect Information

		Inspectors (check if defect found)					
ID	Major Defect Description	1	2	3	4	A	B
1	Can only Pilots use FPC	X					X
2	Use “to use” instead of performed	X	X			X	X
3	“in the same units used”	X					X
4	Doesn’t make since	X	X			X	X
5	Not anymore (delete)	X					X
6	Fix units		X	X		X	X
7	Wind Direction Calculation		X			X	
8	User inputs and their units not stated		X			X	
9	Can separate in two requirements	X	X	X		X	X
10	Grammar mistakes	X	X			X	X
11	User inputs and their units not stated			X			X
12	FPC should display altitude		X	X		X	X
13							
14							
15							
16							
17							
18							
19							
20							
21							

Summary Information

Total Defects A	8	Total Defects B	10	C (# common)	6
Total Defects (AB/C)	11	Number Found (A+B-C)	12	Number Left	1
Total Inspection Time	270	Defect Removal Rate (total defects/total time)	.041	Overall Rate (size/total time)	.015

INSTRUCTION FOR COMPLETING THE INSPECTION SUMMARY REPORT

1. The Inspection Report should be completed after completion of the inspection meeting. Typically, the Recorder would responsible for collecting data and completing the form.
2. General Inspection Information:

- Complete all table entries which are applicable.
- Size Measure would be such things as pages, screens, pseudocode lines, lines of code, test cases, etc.
- The Time entry for each member of the inspection team should be the total time (in hours, e.g., 2.8) spent by a inspection team member, excluding the time spent in the inspection meeting.
- The Rate is calculated as Size/Time (e.g., 24 pages/2.3 hours = 10.4 pages/hr).
- The Est Yield is the percentage of defects removed by an inspector and is calculated as # Major Defects/Total Defects (e.g., 10 defects/22 defects = 45.5%)

3. Defect Information:

- For each identified major defect, enter an ID (typically 1, 2, …) and a description. Major defects either change the program source code or would ultimately cause change in the program source code; all other changes are minor.
- Column A: When all defects are listed, identify the inspector who found the most defects and check the boxes under A that correspond to the defects found by that inspector.
- Column B: After column A is completed, check each box in Column B if some other inspector (other than the Column A inspector) found the defect.

4. Summary Information:

- Total Inspection Time is the sum of all time spent by the inspection team – preparation time, inspection time, meeting time, and completion of reports and forms.

Note: The Inspection Report form was adapted from the following book:

[Humphrey 2000] Humphrey, Watts S., Introduction to the Team Software Process, Addison-Wesley, 2000.

INSPECTOR 1 DEFECT LOG

Inspector Name	Stephen Woodford	Project	FPC	Date	02-29-2012
Type of Inspection (Reqs, Design, Code, other)	Reqs	Work Product		Inspection Effort (hrs)	1

ID	Location	Type	Major/Minor*	Defect Description
1	2		Major	Can only Pilots use FPC
2	2		Major	Split up calculations
3	4.3.1.2		Minor	Use FPC or flight planning calculator
4	4.3.1.4		Minor	Use “to use” instead of performed
5	4.3.1.6		Minor	Use “to use” instead of performed
6	4.3.2.2		Minor	Use “to use” instead of performed
7	4.3.3.2		Minor	Use “to use” instead of performed
8	4.3.3.5		Minor	Use “to use” instead of performed
9	4.3.3.6		Minor	“in the same units used”
10	4.3.4.2		Minor	Use “to use” instead of performed
11	4.3.4.4		Minor	Use “to use” instead of performed
12	4.3.5.2		Minor	Use “to use” instead of performed
13	4.3.6.2		Minor	Use “to use” instead of performed
14	4.3.6.3		Minor	Use “to use” instead of performed
15	4.3.6		Major	Explain ID’s more
16	4.4.1		Minor	Doesn’t make since
17	4.4.2		Major	Not anymore (delete)
18	4.4.5		Minor	Display not displace
19	4.4		Minor	“that will” not “and will”
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
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32				
33				
34				
35				

* Major defects either change the program source code or would ultimately cause change in the program source code; all other changes are minor.

INSPECTOR 2 DEFECT LOG

Inspector Name	Kenneth Kungania	Project	FPC	Date	02-29-2012
Type of Inspection (Reqs, Design, Code, other)	Reqs	Work Product		Inspection Effort (hrs)	1

ID	Location	Type	Major/Minor*	Defect Description
1	4.3.1.4		Major	Direction only in degrees
2	4.3.2.9		Major	What is used to calculate wind speed?
3	4.3.2.10		Major	User to be prompted for units
4	4.3.2.12		Major	Wind Direction Calculation
5	4.3.4		Minor	Output not clear
6	4.3.5		Major	FPC should display altitude
7	4.3.5.1		Major	User inputs and their units not stated
8	4.3.6		Minor	Can separate in two requirements
9	4.4.1		Major	User to be prompted to select the airports
10	4.4.5		Minor	Grammar – remove “have”
11	4.1.2		Major	User can not provide text file but customer
12				
13				
14				
15				
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17				
18				
19				
20				
21				
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* Major defects either change the program source code or would ultimately cause change in the program source code; all other changes are minor.

INSPECTOR 3 DEFECT LOG

Inspector Name	Jun Ma		Project	FPC	Date	02-28-12
Type of Inspection (Reqs, Design, Code, other)	Reqs		Work Product		Inspection Effort (hrs)	1

ID	Location	Type	Major/Minor*	Defect Description
1	4.3.2.10	C2	Major	Wind speed units will be the same as the units used for ground speed.
2	4.3.4	O2	Minor	There should be added "The true airspeed will be displayed for the user on the FPC".
3	4.3.5.1	C2	Major	There should be added that "the FPC will allow the user enter runway direction".
4	4.3.5.1	C2	Major	There should be added that "the FPC will allow the user enter wind direction".
5	4.3.5.1	C2	Major	There should be added that "the FPC will allow the user enter wind speed".
6	4.3.5	O2	Minor	There should be added "The calculated direction will be displayed for the user
7	4.3.6	O2	Minor	There should be added "The calculated flying distance will be displayed for
8	4.3.6	O2	Minor	There should be added "The calculated course will be displayed for the user on the FPC".

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