

- 16 hours × 20 pilots × 13 = 4160 hours × \$173 = \$719,680
- 4 hours × 40 flight attendants × 13 = 2080 hours × \$52 = \$108,160
- 12 hours × 8 dispatchers × 13 = 1248 hours × \$38 = \$47,424

Total Hours = 18,928
Total Cost = \$1,390,064

Recurrent Training

- 1 hour × 20 mechanics × 13 × 9 = 2340 hours × \$45 = \$105,300
- 1 hour × 20 pilots × 13 × 9 = 2340 hours × \$173 = \$404,820
- 1 hour × 40 flight attendants × 13 × 9 = 4680 hours × \$52 = \$243,360
- 1 hour × 8 dispatchers × 13 × 9 = 936 hours × \$38 = \$35,568

Total Hours = 10,296
Total Cost = \$789,048

Ten Year Training

Total Hours = 29,224
Total Cost = \$2,179,112

Business Jets

For estimated 81 new ETOPS operators

Maintenance program:

50 hours × 81 = 4050 hours × \$100 = \$405,000

Pre-departure service check:

1 hour × 24 inspections × 81 = 1944 hours × \$45 = \$87,480
Total Hours = 19,440
Total Cost = \$874,800

Continuing Analysis Surveillance Program (CASS)

100 hours × 81 = 8100 hours × \$45 = \$364,500

Monitoring programs.

1 mechanic × 81 × 2080 hours = 168480 × \$45 = \$7,581,600
Total Hours = 1,684,800
Total Cost = \$75,816,000

Training

Initial Training

- 4 hours × 2 mechanics × 81 = 648 hours × \$45 = \$29,160

Recurrent Training

- 1 hour × 2 mechanics × 81 × 9 = 1458 hours × \$45 = \$65,610

Total Hours = 2,106
Total Cost = \$94,770
Quarterly reporting:
8 hours × 81 = 648 hours × \$45 = \$29,160
8 hours × 81 × 10 = 6480 hours × \$45 = \$291,600
For operations north of latitude N78:
Recovery plan:
Initial development t = 40 hrs × 81 plans = 3240 hours
Initial cost = 3240 hours × \$75 = \$243,000
Recurring hours = 10 hrs × 81 plans × 9 years = 7290 hours
Recurring cost = 7290 × \$75 = \$546,750
Total Hours = 10,530
Total Cost = \$789,750

Training

Initial Training

- 16 hours × 16 pilots × 81 = 20736 hours × \$173 = \$3,587,328

Recurring Training

- 1 hour × 16 pilots × 81 × 9 = 11664 hours × \$173 = \$2,017,872

Total Hours = 32,400
Total Cost = \$5,605,200

Part 21

Expanded ETOPS reporting:

Two engineer aides × 2080 = 4,160 hours × \$45 = \$187,200
Total Hours = 41,600
Total Cost = \$1,872,000

New ETOPS reporting:

For estimated 5 new ETOPS manufacturers

Two engineer aides × 2080 = 4,160 hours × 5 = 20,800 hours × \$45 = \$936,000

Total Hours = 208,000
Total Cost = \$9,360,000

Investigation of shutdown causes:

2,000 hours × 5 = 10,000 hours × \$67.50 = \$675,000

Total Hours = 100,000
Total Cost = \$6,750,000

Part 25

One time certification for fire suppression:

25,000 hours (for 3 type certificates) × \$75 = \$1,875,000 million

In summary, the FAA estimates that the one-time and first year burden of the paperwork requirements for ETOPS operators and manufacturers would be approximately 357,000 hours and cost \$21.2 million, undiscounted. The ten-year burden is estimated at 2.7 million hours and the undiscounted cost is estimated \$132.8 million as shown in the attached table.

In addition, there are other certification costs that are difficult to sort by information requirements. Some of these other costs are manufacturing costs with additional reporting requirements.

The FAA is soliciting comments to—

(1) evaluate whether the proposed information requirement is necessary for the proper performance of the functions of the agency, including whether the information will have practical utility;

(2) evaluate the accuracy of the agency's estimate of the burden;

(3) enhance the quality, utility, and clarity of the information to be collected; and

(4) minimize the burden of the collection of information on those who are to respond, including through the use of appropriate automated, electronic, mechanical, or other technological collection techniques or other forms of information technology.

Individuals and organizations may submit comments on the information collection requirement by January 13, 2004, and should direct them to the address listed in the **ADDRESSES** section of this document. According to the 1995 amendments to the Paperwork Reduction Act (5 CFR 1320.8(b)(2)(vi)), an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control number for this information collection will be published in the **Federal Register**, after the Office of Management and Budget approves it.

SUMMARY OF INITIAL AND TOTAL PAPERWORK HOURS AND COSTS

Category	Initial hours	Initial cost	Ten year hours	Ten year costs
2-engine:				
Recovery Plans:				
Existing	1,900	\$142,500	8,740	\$655,500
New	700	52,500	3,320	241,500
Reporting:				
Existing	22,400	1,008,000	224,000	10,080,000
New	1,120	50,400	11,200	504,000
More than 2-engine:				
Recovery Plans	1,300	97,500	5,980	448,500