

(5) *Administrative overhead.* These costs represent a prorated share of salaries, office supplies, and other expenses of fiscal, accounting, personnel, management, and similar common services performed outside the aircraft program but which support this program. For purposes of recovering the costs of operations, agencies should exercise their own judgment as to the extent to which aircraft users should bear the administrative overhead costs. Agencies may, for example, decide to charge non-agency users a higher proportion, not to exceed 100 percent of administrative overhead, than agency users if the agency has the authority to do so. If an aircraft is provided pursuant to an interagency agreement under the Economy Act of 1932 (31 U.S.C. 1535), the agency must charge based on the actual costs of the goods or services provided. For purposes of OMB Circular A-76 costs comparisons, agencies should compute the actual administrative costs that would be avoided if a decision is made to contract out the operation under study.

(6) *Self-insurance costs.* Aviation activity involves risks and potential casualty losses and liability claims. These risks are normally covered in the private sector by purchasing an insurance policy. The Government is self-insuring; the Treasury's General Fund is charged for casualty losses and/or liability claims resulting from accidents. For the purposes of analyses, Government managers will recognize a cost for "self-insurance" by developing a cost based on rates published by GSA's Aircraft Management Division.

(7) *Depreciation.* The cost or value of ownership. Aircraft have a finite useful economic or service life (useful life). Depreciation is the method used to spread the acquisition value, less residual value, over an asset's useful life. Although these costs are not direct outlays as is the case with most other aircraft costs, it is important to recognize them for analyses required by OMB and other cost comparison purposes and when replenishing a working capital fund by recovering the full cost of aircraft operations. Depreciation costs depend on aircraft acquisition or replacement costs, useful life, and residual or salvage value. To calculate

the cost of depreciation that shall be allocated to each year, subtract the residual value from the total of the acquisition cost plus any capital improvements and, then, divide by the estimated useful life of the asset.

(c) *Other costs.* There are certain other costs of the aircraft program which should be recorded but are not appropriate for inclusion in either the variable or fixed cost categories for the purposes of justifying aircraft use or recovering the cost of aircraft operations. These costs include:

(1) *Accident repair costs.* These costs include all parts, materials, equipment, and maintenance labor related to repairing accidental damage to airframes or aircraft equipment. Also included are all accident investigation costs.

(2) *Aircraft costs.* This is the basic aircraft inventory or asset account used as the basis for determining aircraft depreciation charges. These costs include the cost of acquiring aircraft and accessories, including transportation and initial installation. Also included are all costs required to bring aircraft and capitalized accessories up to fleet standards.

(3) *Cost of capital.* The cost of capital is the cost to the Government of acquiring the funds necessary for capital investments. The agency shall use the borrowing rate announced by the Department of the Treasury for bonds or notes whose maturities correspond to the manufacturer's suggested useful life or the remaining useful life of the asset.

§ 101-37.202 Policy.

Agencies shall maintain cost systems for their aircraft operations which will permit them to justify the use of Government aircraft in lieu of commercially available aircraft, or the use of one Government aircraft in lieu of another; recover the costs of operating Government aircraft when appropriate; determine the cost effectiveness of various aspects of their aircraft program; and conduct the cost comparisons to justify in-house operation of Government aircraft versus procurement of commercially available aircraft services. To accomplish these purposes,

Federal Property Management Regulations

§ 101-37.205

agencies must accumulate their aircraft program cost into the standard aircraft program cost elements specified in § 1010-37.201.

§ 101-37.203 [Reserved]

§ 101-37.204 Operations cost recovery methods.

Under 31 U.S.C. 1535, and various acts appropriating funds or establishing working funds to operate aircraft, agencies are generally required to recover the costs of operating all aircraft in support of other agencies and other governments. Depending on the statutory authorities under which its aircraft were obtained or are operated, agencies may use either of two methods for establishing the rates charged for using their aircraft; full cost recovery rate or the variable cost recovery rate.

(a) The full cost recovery rate for an aircraft is the sum of the variable and fixed cost rates for that aircraft. The computation of the variable cost rate for an aircraft is described in § 101-37.304. The fixed cost recovery rate for an aircraft or aircraft type is computed as follows:

(1) Accumulate the fixed costs listed in § 101-37.201(b) that are directly attributable to the aircraft or aircraft type. These costs should be taken from the agency's accounting system.

(2) Adjust the total fixed cost for inflation and for any known upcoming cost changes to project the new fixed total costs. The inflation factor used should conform to the provisions of OMB Circular A-76.

(3) Allocate operations and administrative overhead costs to the aircraft based on the percentage of total aircraft program flying hours attributable to that aircraft or aircraft type.

(4) Compute a fixed cost recovery rate for the aircraft by dividing the sum of the projected directly attributable fixed costs, adjusted for inflation, from paragraph (a)(2) of this section and the allocated fixed costs from paragraph (a)(3) of this section by the annual flying hours projected for the aircraft.

(b) The variable cost recovery rate is the total variable cost rate of operating an aircraft described in § 101-

37.304. If an agency decides to base the charge for using its aircraft solely on this rate, it must recover the fixed costs of those aircraft from the appropriations which support the mission for which the procurement of the aircraft was justified. In such cases, the fixed cost recovery rate may be expressed on an annual, monthly, or flying hour basis.

(c) To compute the full cost recovery rate of using a Government aircraft for a trip, add the variable cost recovery rate for the aircraft or aircraft type to the corresponding fixed cost recovery rate and multiply this sum by the estimated number of flying hours for the trip using the proposed aircraft.

§ 101-37.205 Aircraft program cost effectiveness.

Although cost data are not the only measures of the effectiveness of an agency's aircraft program, they can be useful in identifying opportunities to reduce aircraft operational costs. These opportunities include changing maintenance practices, purchasing fuel at lower costs, and the replacement of old, inefficient aircraft with aircraft that are more fuel efficient and have lower operation and maintenance costs. The most common measures used to evaluate the cost effectiveness of various aspects of an aircraft program are expressed as the cost per flying hour or per passenger mile (one passenger flying one mile). These measures may be developed using the standard aircraft program cost elements (see § 101-37.201) and include, but are not limited to: maintenance costs/flying hours, fuel and other fluids/flying hours, and variable cost/passenger mile. GSA will coordinate the development of other specific cost-effectiveness measures with the appropriate Interagency Committee for Aviation Policy subcommittees (ICAP).

(a) *Maintenance costs per flying hour.* Maintenance costs per flying hour identifies on an aggregate basis relative cost effectiveness of maintenance alternatives. This measure is among those necessary to identify and justify procurement of less costly aircraft.

(b) *Fuel and other fluids cost per flying hour.* Fuel per flying hour identifies