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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 2004-SW-09-AD; Amendment 39-13651; AD 2004-06-51]

RIN 2120-AA64

#### Airworthiness Directives; Boeing Defense and Space Group Model 234 Helicopters

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Final rule; request for comments.

**SUMMARY:** This document publishes in the **Federal Register** an amendment adopting Airworthiness Directive (AD) 2004-06-51, which was sent previously to all known U.S. owners and operators of Boeing Defense and Space Group (Boeing) Model 234 helicopters by individual letters. This AD requires, before further flight, inspecting the upper shaft extension for a crack and modifying the aft vertical shaft assembly (assembly). Thereafter, this AD requires, before the first flight of each day, inspecting the upper shaft extension for any crack. If any crack is found during any of the inspections, replacing the assembly with an airworthy assembly is required before further flight. This amendment is prompted by the discovery of a crack in the upper shaft extension of an assembly. The actions specified by this AD are intended to detect a crack in the upper shaft extension, which could result in catastrophic failure of the assembly and subsequent loss of control of the helicopter.

**DATES:** Effective June 18, 2004, to all persons except those persons to whom it was made immediately effective by Emergency AD 2004-06-51, issued on

March 18, 2004, which contained the requirements of this amendment.

Comments for inclusion in the Rules Docket must be received on or before August 2, 2004.

**ADDRESSES:** Submit comments in triplicate to the Federal Aviation Administration (FAA), Office of the Regional Counsel, Southwest Region, Attention: Rules Docket No. 2004-SW-09-AD, 2601 Meacham Blvd., Room 663, Fort Worth, Texas 76137. You may also send comments electronically to the Rules Docket at the following address: [9-asw-adcomments@faa.gov](mailto:9-asw-adcomments@faa.gov).

**FOR FURTHER INFORMATION CONTACT:** George Duckett, Aviation Safety Engineer, FAA, New York Aircraft Certification Office, Airframe and Propulsion Branch, 1600 Stewart Ave., suite 410, Westbury, New York 11590, telephone (516) 228-7325, fax (516) 794-5531.

**SUPPLEMENTARY INFORMATION:** On March 18, 2004, the FAA issued Emergency AD 2004-06-51 for the specified model helicopters, which requires, before further flight, inspecting the upper shaft extension for a crack and modifying the assembly. Thereafter, the AD requires, before the first flight of each day, inspecting the upper shaft extension for any crack. If any crack is found during any of the inspections, replacing the assembly with an airworthy assembly is required before further flight. That action was prompted by the discovery of a crack in the upper shaft extension of an assembly. The discovery was made by an operator who was in the process of troubleshooting a lateral vibration and noticed a slight wobble in the assembly when the rotors were turned by hand. The manufacturer subsequently determined that the crack initiated at an arc burn that occurred during the silver-plating process of the part. The actions specified by the AD are intended to detect a crack in the upper shaft extension, which could result in catastrophic failure of the assembly and subsequent loss of control of the helicopter.

The FAA has reviewed Boeing BV234 Service Bulletin No. 234-63-1055, Revision 2, dated March 16, 2004, which describes procedures for inspecting the inside diameter surfaces of the 114D3248 upper shaft extension of the 234D3300 aft vertical shaft assembly for cracks. The service bulletin also describes procedures for fabricating

and installing an aluminum inspection plug. Further, the service bulletin provides for recurring inspections.

Since the unsafe condition described is likely to exist or develop on other Boeing Model 234 helicopters of the same type design, the FAA issued Emergency AD 2004-06-51. The AD requires, before further flight, inspecting the upper shaft extension for a crack and, if no crack is found, modifying the assembly. Thereafter, before the first flight of each day, inspecting the upper shaft extension for any crack is required. If any crack is found during any of the inspections, replacing the assembly with an airworthy assembly is required before further flight. The requirements of the AD are interim actions that are necessary until an arc-burn free replacement assembly is installed. The short compliance time involved is required because the previously described critical unsafe condition can adversely affect the structural integrity and controllability of the helicopter. Therefore, the actions previously described are required before further flight and before the first flight of each day, and this AD must be issued immediately.

Since it was found that immediate corrective action was required, notice and opportunity for prior public comment thereon were impracticable and contrary to the public interest, and good cause existed to make the AD effective immediately by individual letters issued on March 18, 2004 to all known U.S. owners and operators of Boeing Model 234 helicopters. These conditions still exist, and the AD is hereby published in the **Federal Register** as an amendment to 14 CFR 39.13 to make it effective to all persons.

The FAA estimates that this AD will affect 7 helicopters of U.S. registry. The required actions will take approximately 17½ work hours per helicopter to accomplish (4½ work hours for the initial inspection and modification, 1 work hour for each recurring inspection, and 12 work hours to replace an assembly, if necessary), at an average labor rate of \$65 per work hour. Required parts will cost approximately \$250,000 per assembly. Based on these figures, we estimate the total cost impact of the AD on U.S. operators to be \$1,871,257.50 (assuming \$2,047.50 for each initial inspection and modification, \$113,750 for 250 recurring

inspections on each helicopter, \$1,755,460 to replace one assembly on each helicopter, and negligible parts costs associated with the modifications and inspections).

#### Comments Invited

Although this action is in the form of a final rule that involves requirements affecting flight safety and, thus, was not preceded by notice and an opportunity for public comment, comments are invited on this rule. Interested persons are invited to comment on this rule by submitting such written data, views, or arguments as they may desire. Communications should identify the Rules Docket number and be submitted in triplicate to the address specified under the caption **ADDRESSES**. All communications received on or before the closing date for comments will be considered, and this rule may be amended in light of the comments received. Factual information that supports the commenter's ideas and suggestions is extremely helpful in evaluating the effectiveness of the AD action and determining whether additional rulemaking action would be needed.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify the rule. All comments submitted will be available in the Rules Docket for examination by interested persons. A report that summarizes each FAA-public contact concerned with the substance of this AD will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their mailed comments submitted in response to this rule must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket No. 2004-SW-09-AD." The postcard will be date stamped and returned to the commenter.

The regulations adopted herein will not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government. Therefore, it is determined that this final rule does not have federalism implications under Executive Order 13132.

The FAA has determined that this regulation is an emergency regulation that must be issued immediately to correct an unsafe condition in aircraft, and that it is not a "significant regulatory action" under Executive Order 12866. It has been determined further that this action involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979). If it is determined that this emergency regulation otherwise would be significant under DOT Regulatory Policies and Procedures, a final regulatory evaluation will be prepared and placed in the Rules Docket. A copy of it, if filed, may be obtained from the Rules Docket at the location provided under the caption **ADDRESSES**.

#### List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

#### Adoption of the Amendment

■ Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

#### PART 39—AIRWORTHINESS DIRECTIVES

■ 1. The authority citation for part 39 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701.

#### § 39.13 [Amended]

■ 2. Section 39.13 is amended by adding a new airworthiness directive to read as follows:

**2004-06-51 Boeing Defense and Space Group:** Amendment 39-13651. Docket No. 2004-SW-09-AD.

*Applicability:* Model 234 helicopters, with aft vertical shaft assembly, part number (P/N) 234D3300, serial number-181 or lower with a prefix of A, installed, certificated in any category.

*Compliance:* Required as indicated.

To detect a crack in the upper shaft extension, which could result in catastrophic failure of the aft vertical shaft assembly and subsequent loss of control of the helicopter, accomplish the following:

**Note 1:** Prepare the helicopter for safe ground maintenance and disconnect the battery.

(a) Before further flight, unless accomplished previously, perform the following initial inspection and modification:

(1) Remove the screws, P/N MS51957-63 or MS51958-63, and washers, P/N AN960-D10L, from the oil tank assembly. Remove the retainer, P/N 114R2059-1, cover, P/N 14R2054-1, and packing, P/N M83248/1-264, from the oil tank assembly.

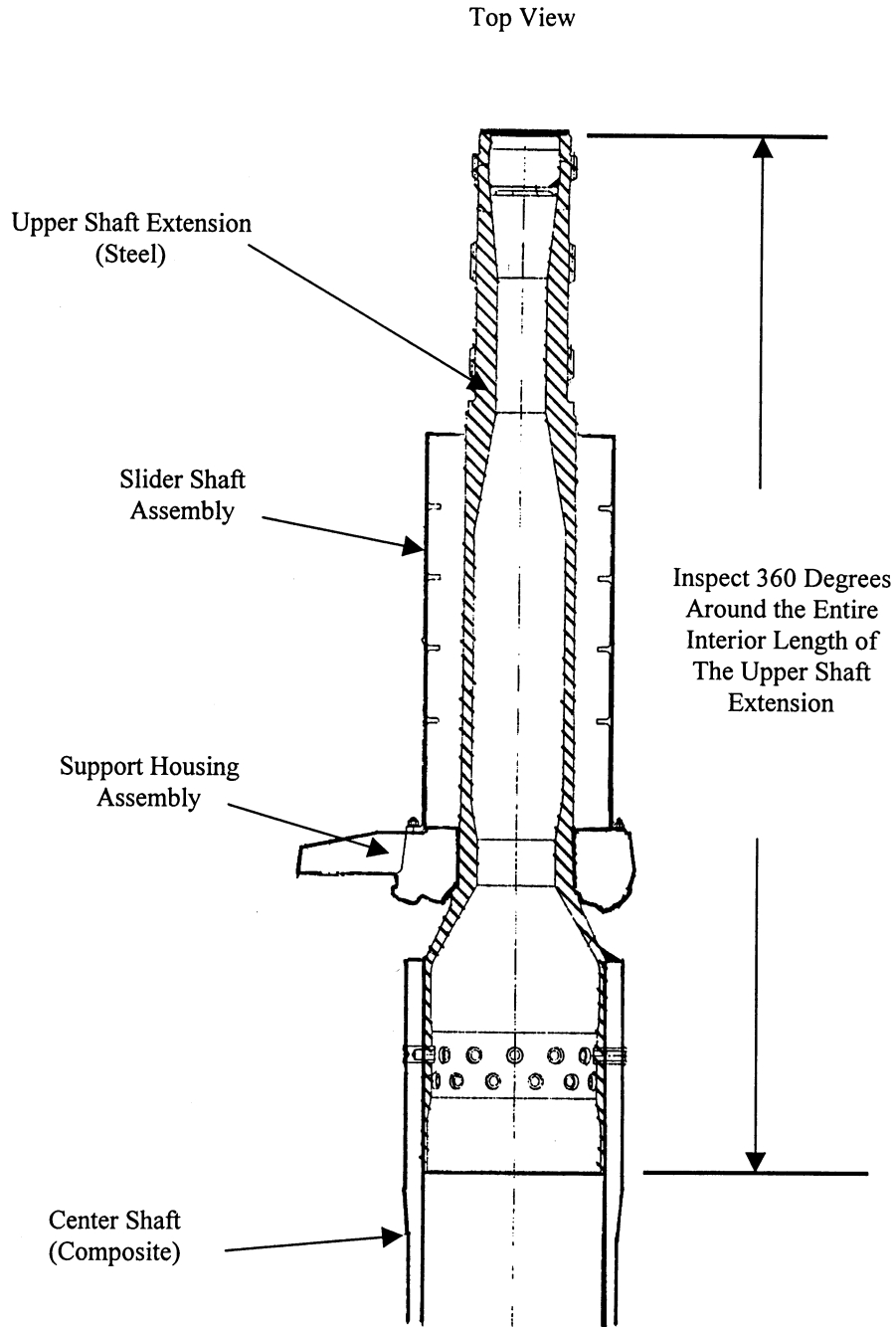
(2) Cut the sealant around the upper shaft extension plug, P/N 114D1246-1. Remove the (adhesive) sealant from the plug and the inside diameter of the upper shaft extension, P/N 114D3248, before removing the plug.

(3) Tap one side of the rubber plug, P/N 114D1246-1, with a hammer and drift to raise and offset the opposite edge of the plug. Pull the plug from the upper shaft extension.

(4) Remove any loose sealant that remains on the inside diameter of the aft vertical shaft assembly using care not to drop debris into the shaft.

(5) Inspect the upper shaft extension, P/N 114D3248, using a borescope or other lighted device that provides direct visual observation of the interior of the aft rotor shaft. Inspect 360 degrees around the entire interior length of the upper shaft extension. If any crack is found, replace the aft vertical shaft assembly, P/N 234D3300, with an airworthy assembly before further flight. See the following Figure 1 of this AD for the area to inspect:

**BILLING CODE 4910-13-P**



Aft Vertical Shaft  
Assembly Inspection Area  
Figure 1

(6) If no crack is found, using a light source, visually inspect the aft vertical shaft assembly for debris or foreign object damage (FOD) inside the diameter of the assembly.

(7) Manufacture an aluminum-threaded plug to replace the rubber plug, P/N

114D1246-1. The replacement plug is to be installed in the internal threads on the top of the upper shaft extension. Machine the plug from a block of 7050-T7451, 7075-T6 or 6061-T6, with 4.000" -16 UNS-3A threads and a minor thread diameter of 3.920".

Machine a hex head to the center of the cap to aid in removal. Machine the hex head to fit a 1 1/4" wrench. See the following Figure 2 of this AD:

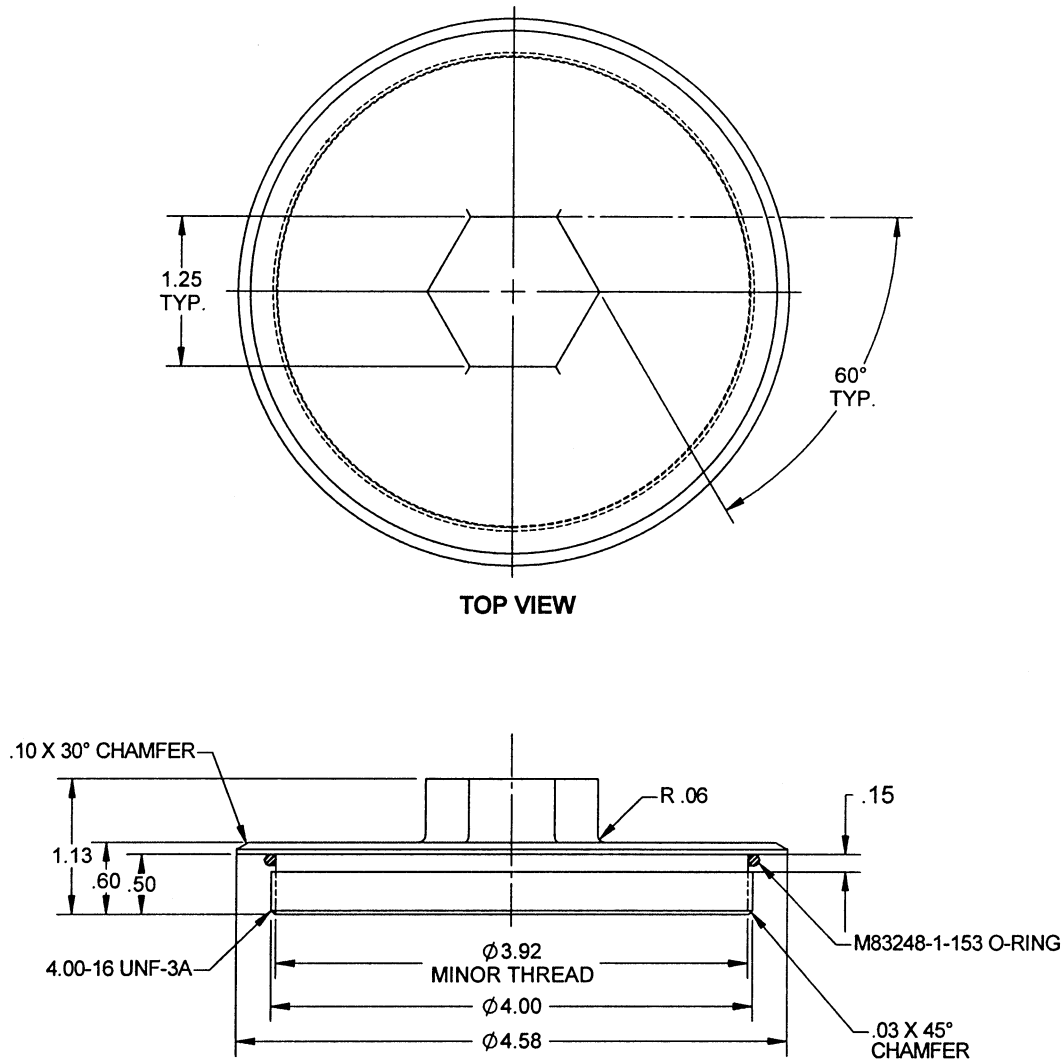


Figure 2

**BILLING CODE 4910-13-C**

**Note 2:** All dimensions stated in this AD are in inches.

(8) Install the aluminum-threaded plug with an o-ring, P/N M83248-1-153, in the internal threads on the top of the upper shaft extension (hand tighten only). Assure the safety wire for the rotor hub nut is clear of the plug.

(9) Install packing, P/N M83248/1-264, into the o-ring groove of the oil tank assembly. Install the cover, P/N 114R2054-2,

retainer, P/N 114R2059-1, washer, P/N AN960D10L, and screws, P/N MS51957-63 or MS51958-63, into the oil tank assembly that is installed on the aft rotary wing head assembly. Torque screws to 23 pounds-inches dry.

(b) Before the first flight of each day, perform the following recurring inspection:

(1) Remove the screws, P/N MS51957-63 or MS51958-63, and washers, P/N AN960D10L, from the oil tank assembly. Remove the retainer, P/N 114R2059-1, cover,

P/N 114R2054-1, and packing, P/N M83248/1-264, from the oil tank assembly.

(2) Remove the aluminum-threaded plug from the internal threads on the top of the upper shaft extension.

(3) Inspect the upper shaft extension, P/N 114D3248, using a borescope or other lighted device that provides direct visual observation of the interior of the aft rotor shaft. Inspect 360 degrees around the entire interior length of the upper shaft extension (see Figure 1 of this AD). If any crack is found, replace the aft vertical shaft assembly, P/N 234D3300,

with an airworthy assembly before further flight.

(4) If no crack is found, install the aluminum-threaded plug with an o-ring, P/N M83248-1-153, in the internal threads on the top of the upper shaft extension (hand tighten only). Assure the safety wire for the rotor hub nut is clear of the plug.

(5) Install packing, P/N M83248/1-264, into the o-ring groove of the oil tank assembly. Install the cover, P/N 114R2054-2, retainer, P/N 114R2059-1, washer, P/N AN960D10L, and screws, P/N MS51957-63 or MS51958-63, into the oil tank assembly that is installed on the aft rotary wing head assembly. Torque screws to 23 pounds-inches dry.

**Note 3:** Boeing BV234 Service Bulletin No. 234-63-1055, Revision 2, dated March 16, 2004, pertains to the subject of this AD.

(c) To request a different method of compliance or a different compliance time for this AD, follow the procedures in 14 CFR 39.19. Contact the Manager, New York Aircraft Certification Office (NYACO), Engine and Propeller Directorate, FAA, for information about previously approved alternative methods of compliance.

(d) Special flight permits will not be issued.

(e) This amendment becomes effective on June 18, 2004, to all persons except those persons to whom it was made immediately effective by Emergency AD 2004-06-51, issued March 18, 2004, which contained the requirements of this amendment.

Issued in Fort Worth, Texas, on May 21, 2004.

**David A. Downey,**

*Manager, Rotorcraft Directorate, Aircraft Certification Service.*

[FR Doc. 04-12442 Filed 6-2-04; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 71

[Docket No. FAA 2003-16070; Airspace Docket 03-ANM-05]

#### Establishment of Class E Airspace; Hamilton, MT

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule; correction.

**SUMMARY:** This action corrects an error in the geographic coordinates of a final rule that was published in the **Federal Register** on March 8, 2004 (69 FR 10605), Airspace Docket 03-ANM-05.

**DATES:** *Effective Date:* August 5, 2004.

**FOR FURTHER INFORMATION CONTACT:** Ed Haeseker, Air Traffic Division, Federal Aviation Administration, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-2527.

**SUPPLEMENTARY INFORMATION:**

#### History

Airspace Docket 03-ANM-05, published on March 8, 2004 (69 FR 10605), established Class E airspace at Hamilton, MT. An error was discovered in the geographic coordinates for the Ravalli County Airport, Hamilton, MT, Class E airspace. This action corrects that error.

#### Correction to Final Rule

Accordingly, pursuant to the authority delegated to me, the geographic coordinates for the Class E airspace at Ravalli County Airport, Hamilton, MT, as published in the **Federal Register** on March 8, 2004 (69 FR 10605), are corrected as follows:

#### § 71.1 [Corrected]

\* \* \* \* \*

#### ANM UT E5 Hamilton, MT [Corrected]

Ravalli County Airport, MT

(Lat. 46°15'05" N., long. 114°07'32" W.)

That airspace extending upward from 700 feet above the surface of the earth within an 8 mile radius of Ravalli County Airport; that airspace extending upward from 1,200 feet above the surface of the earth bounded by a line beginning at lat. 46°42'00" N., long. 114°11'00" W., to lat. 46°42'00" N., long. 113°52'00" W., to lat. 46°19'30" N., long. 113°52'00" W., to lat. 45°51'30" N., long. 114°01'00" W., to lat. 45°51'30" N., long. 114°11'00" W., to lat. 46°20'00" N., long. 114°30'00" W.; thence to the beginning; excluding that airspace within Federal Airways.

\* \* \* \* \*

Issued in Seattle, Washington, on May 17, 2004.

**Raul C. Treviño,**

*Acting Manager, Air Traffic Division, Northwest Mountain Region.*

[FR Doc. 04-12540 Filed 6-2-04; 8:45 am]

**BILLING CODE 4910-13-M**

## DEPARTMENT OF DEFENSE

### Office of the Secretary

#### 32 CFR Part 18

#### Appointing Authority for Military Commissions

**AGENCY:** Department of Defense.

**ACTION:** Final rule.

**SUMMARY:** This part establishes the position and office of the Appointing Authority for Military Commissions pursuant to the President's Military Order on the detention, treatment, and trial of certain non-citizens in the war against terrorism; and the DoD Military Commission Order No. 1. It describes the Appointing Authority's

responsibilities and functions, relationships with other officials in the Department of Defense, and provides authority for the Appointing Authority to publish issuances necessary to carry out assigned responsibilities, such as supervising the military commission process, appointing military commission members, making sure that the prosecution and defense have the resources necessary to carry out their duties, approving charges against individual detainees, and approving plea agreements. It also describes the responsibilities and functions of the General Counsel of the Department of Defense, the Chairman of the Joint Chiefs of Staff, and the Secretaries of the Military Department relative to those of the Appointing Authority in the conduct of military commissions. Publication of this document benefits the public by making the military commission process transparent and demonstrating that the process is complete and fair.

**DATES:** This rule is effective February 10, 2004.

**FOR FURTHER INFORMATION CONTACT:** Major John Smith, USAF, Office of the Military Commissions or LTC John Hall, USA, Deputy Legal Advisor to the Appoint Authority.

#### SUPPLEMENTARY INFORMATION:

#### Executive Order 12866, "Regulatory Planning and Review"

It has been determined that 32 CFR part 18 is not a significant regulatory action. The rule does not:

(1) Have an annual effect to the economy of \$100 million or more or adversely affect in a material way the economy; a section of the economy; productivity; competition; jobs; the environment; public health or safety; or state, local, or tribal governments or communities;

(2) Create a serious inconsistency or otherwise interfere with an action taken or planned by another Agency;

(3) Materially alter the budgetary impact of entitlements, grants, user fees, or loan programs, or the rights and obligations of recipients thereof; or

(4) Raise novel legal or policy issues arising out of legal mandates, the President's priorities, or the principles set forth in this Executive Order.

#### Unfunded Mandates Reform Act (Sec. 202, Pub. L. 104-4)

It has been certified that this rule does not contain a Federal mandate that may result in the expenditure by State, local and tribal governments, in aggregate, or by the private sector, of \$100 million or more in any one year.