

FIGURE 4 TO PARAGRAPH (k) OF THIS AD—SERVICE INFORMATION ACCEPTABLE FOR CREDIT FOR ACTIONS IN PARAGRAPH (g)(2) OF THIS AD—Continued

FMGC/FG install	Airbus service bulletin	Revision	Date
C13207CA00	A320-22-1519	00 01	June 26, 2015. August 26, 2015.

(l) Terminating Action for Other ADs

Accomplishing the actions required by paragraph (g)(1) of this AD, and, as applicable, paragraph (g)(2) of this AD, terminates all requirements of AD 2000-12-13.

(m) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the International Branch, send it to the attention of the person identified in paragraph (n)(2) of this AD. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(2) *Contacting the Manufacturer*: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or EASA; or Airbus's EASA DOA. If approved by the DOA, the approval must include the DOA-authorized signature.

(n) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Directive 2016-0122, dated June 21, 2016, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2017-0624.

(2) For more information about this AD, contact Sanjay Ralhan, Aerospace Engineer, International Branch, ANM 116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227 1405; fax 425-227 1149.

(3) For service information identified in this AD, contact Airbus, Airworthiness Office—ELAS, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 36 96; fax +33 5 61 93 44 51; email account.airworth-eas@airbus.com; Internet <http://www.airbus.com>. You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Issued in Renton, Washington, on June 16, 2017.

Michael Kaszycki,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2017-13406 Filed 6-28-17; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****14 CFR Part 39**

[Docket No. FAA-2017-0648; Directorate Identifier 2017-CE-012-AD]

RIN 2120-AA64

Airworthiness Directives; Piaggio Aero Industries S.p.A. Airplanes

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for Piaggio Aero Industries S.p.A. Model P-180 airplanes. This proposed AD results from mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as disbonding of the upper and lower metal skin from the honeycomb core on the elevator assembly and other flight control surfaces. We are issuing this proposed AD to require actions to address the unsafe condition on these products.

DATES: We must receive comments on this proposed AD by August 14, 2017.

ADDRESSES: You may send comments by any of the following methods:

- *Federal eRulemaking Portal:* Go to <http://www.regulations.gov>. Follow the instructions for submitting comments.

- *Fax:* (202) 493-2251.

- *Mail:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.

- *Hand Delivery:* U.S. Department of Transportation, Docket Operations, M-

30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this proposed AD, contact Piaggio Aero Industries S.p.A—Continued Airworthiness, Via Pionieri e Aviatori d'Italia snc—16154 Genova, Italy; Telephone: +39 010 0998046; Fax: None; email: airworthiness@piaggioaerospace.it; Internet: www.piaggioaerospace.it/en/customer-support#care. You may review this referenced service information at the FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2017-0648; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (telephone (800) 647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT:

Mike Kiesov, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4144; fax: (816) 329-4090; email: mike.kiesov@faa.gov.

SUPPLEMENTARY INFORMATION:**Comments Invited**

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2017-0648; Directorate Identifier 2017-CE-012-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will

consider all comments received by the closing date and may amend this proposed AD because of those comments.

We will post all comments we receive, without change, to <http://regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA AD No.: 2017-0045, dated March 9, 2017 (referred to after this as “the MCAI”), to correct an unsafe condition for the specified products. The MCAI states:

During a post flight inspection of a right hand (RH) elevator assembly, disbonding was detected on the upper and lower metal skin from the honeycomb core. Subsequent investigation identified that a manufacturing deficiency caused the detected disbonding and that other flight control surfaces could potentially be affected by the same deficiency.

This condition, if not detected and corrected, could reduce the structural stiffness of the flight control surface and downgrade its aerodynamic characteristics, possibly resulting in reduced control of the aeroplane.

To address this potential unsafe condition, Piaggio Aero Industries (PAI) issued Service Bulletin (SB) 80-0455 to provide inspection instructions.

For the reasons described above, this [EASA] AD requires repetitive inspections of the affected flight control assemblies and, depending on findings, repair or replacement. This [EASA] AD also requires reporting of the inspection result to PAI.

You may examine the MCAI on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2017-0648.

Related Service Information Under 1 CFR Part 51

Piaggio Aero Industries S.p.A has issued Piaggio Aero Industries S.p.A. Mandatory Service Bulletin N.: 80-0455, dated: January 13, 2017. The service information describes procedures for repetitive inspections to verify the structural integrity of the flight control assemblies. This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the ADDRESSES section of this NPRM.

FAA’s Determination and Requirements of the Proposed AD

This product has been approved by the aviation authority of another

country, and is approved for operation in the United States. Pursuant to our bilateral agreement with this State of Design Authority, they have notified us of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all information and determined the unsafe condition exists and is likely to exist or develop on other products of the same type design.

Costs of Compliance

We estimate that this proposed AD will affect 103 products of U.S. registry. We also estimate that it will take 9 work-hours per product to comply with the basic requirements of the proposed AD. The average labor rate is \$85 per work-hour.

Based on these figures, we estimate the cost of the proposed AD on U.S. operators to be \$78,795, or \$765 per product.

The scope of damage found in the required inspections could vary significantly from airplane to airplane. We have no way of determining how much damage may be found on each airplane or the cost to repair damaged parts on each airplane.

In addition, we have no way of knowing how many products may need replacement as a result of the required inspections. The following cost estimates were obtained directly from the manufacturer and we estimate that any necessary follow-on replacement actions would cost as follows:

(i) *Control surface repair*: 10 work-hours for a cost of \$850 per product.

(ii) *Left Hand (LH) Forward Wing Flap Replacement*: 4 work-hours and require parts costing \$30,079, for a total cost of \$30,419.

(iii) *Right Hand (RH) Forward Wing Flap Replacement*: 4 work-hours and require parts costing \$30,079, for a total cost of \$30,419.

(iv) *LH Aileron Assembly*: 7 work-hours and require parts costing \$40,715, for a total cost of \$41,310.

(v) *RH Aileron Assembly*: 7 work-hours and require parts costing \$86,050, for a total cost of \$86,645.

(vi) *Main Wing LH Inboard Flap Assembly*: 4 work-hours and require parts costing \$22,699, for a total cost of \$23,039.

(vii) *Main Wing RH Inboard Flap Assembly*: 4 work-hours and require parts costing \$22,699, for a total cost of \$23,039.

(viii) *LH Elevator Assembly*: 8 work-hours and require parts costing \$59,917, for a total cost of \$60,597.

(ix) *RH Elevator Assembly*: 8 work-hours and require parts costing \$59,917, for a total cost of \$60,597.

There is an additional 10 work-hours that may be required for post-repair or post-installation replacement of flight control surface adjustments and testing, for a total cost of \$850.

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA’s authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. “Subtitle VII: Aviation Programs,” describes in more detail the scope of the Agency’s authority.

We are issuing this rulemaking under the authority described in “Subtitle VII, Part A, Subpart III, Section 44701: General requirements.” Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

We determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would 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.

For the reasons discussed above, I certify this proposed regulation:

(1) Is not a “significant regulatory action” under Executive Order 12866,

(2) Is not a “significant rule” under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979),

(3) Will not affect intrastate aviation in Alaska, and

(4) Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator,

the FAA proposes to amend 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. The FAA amends § 39.13 by adding the following new AD:

Piaggio Aero Industries S.p.A.: Docket No. FAA-2017-0648; Directorate Identifier 2017-CE-012-AD.

(a) Comments Due Date

We must receive comments by August 14, 2017.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Piaggio Aero Industries S.p.A. P-180 airplanes, serial numbers 1002, 1004 through 1220, that are:

(1) Equipped with flight control surfaces part numbers (P/Ns) and serial numbers (S/Ns) not listed in table 1 of Piaggio Aero Industries S.p.A. Mandatory Service Bulletin N.: 80-0455, dated: January 13, 2017; and
(2) certificated in any category.

(d) Subject

Air Transport Association of America (ATA) Code 27: Flight Controls.

(e) Reason

This AD was prompted by mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as disbonding of the upper and lower metal skin from the honeycomb core on the elevator assembly and other flight control surfaces. We are issuing this proposed AD to prevent structural stiffness of the flight control surface and the downgrade of its aerodynamic characteristics, resulting in reduced control.

(f) Actions and Compliance

Unless already done, do the actions in paragraphs (f)(1) through (8) of this AD. The parts affected by this AD are all left hand (LH) forward flaps, right hand (RH) forward flaps, main wing LH inboard flaps, main wing RH inboard flaps, LH ailerons, RH ailerons, LH elevators, and RH elevators, hereafter referred to as “affected control surface” in this AD.

(1) Within the next 50 hours time-in-service (TIS) after the effective date of this AD or within the next 200 hours TIS after the last coin tapping inspection of the affected control surface following PAI Non-Destructive Test Manual (NDTM) 180-MAN-0300-01107, Chapter 51-00-01; whichever occurs later, do a coin tapping inspection of each affected control surface. Repetitively thereafter inspect at the intervals specified in

paragraphs (f)(3)(i) and (ii). Follow Part B of the Accomplishment Instructions in Piaggio Aero Industries S.p.A. Mandatory Service Bulletin No.: 80-0455, dated January 13, 2017 (PAI SB No. 80-0455).

(i) Do two repetitive inspections at intervals not to exceed 200 hours TIS; and

(ii) Repetitively thereafter inspect at intervals not to exceed 600 hours TIS.

(2) If damage is found during any inspection required in paragraph (f)(1) of this AD, before further flight, repair or replace as necessary each damaged affected control surface following Part B and/or C of the Accomplishment Instructions in Piaggio Aero Industries S.p.A. Mandatory Service Bulletin (SB) No.: 80-0455, dated January 13, 2017.

(3) Within 50 hours TIS after the repair of an affected control surface as required by paragraph (f)(2) of this AD, do a coin tapping inspection of that repaired affected control surface. Repetitively thereafter inspect at the intervals specified in paragraphs (f)(3)(i) and (ii) of this AD. Follow the instructions in Piaggio Aero Industries S.p.A. Mandatory Service Bulletin (SB) No.: 80-0455, dated January 13, 2017.

(i) Do two repetitive inspections at intervals not to exceed 200 hours TIS; and

(ii) Repetitively thereafter inspect at intervals not to exceed 600 hours TIS.

(4) If damage is found during any inspection required in paragraph (f)(3) of this AD, before further flight, repair or replace as necessary each damaged affected control surface following the instructions in Part B and/or C of the Accomplishment Instructions in Piaggio Aero Industries S.p.A. Mandatory Service Bulletin (SB) No.: 80-0455, dated January 13, 2017.

(5) Repair of an affected control surface, as required by paragraph (f)(2) or (4) of this AD, does not constitute terminating action for repetitive inspections as required by this AD for that affected control surface, unless the FAA-approved repair instructions specify otherwise.

(6) Replacement of the affected part on an airplane with a part listed in Table 1 of Piaggio Aero Industries S.p.A. Mandatory Service Bulletin (SB) No.: 80-0455, dated January 13, 2017, constitutes terminating action for the repetitive inspections required by this AD for that part.

(7) You may incorporate the actions of Piaggio Aero Industries S.p.A. Mandatory Service Bulletin (SB) No.: 80-0455, dated January 13, 2017, into your FAA-approved Airplane Inspection Program (AIP) or maintenance program (instructions for continued airworthiness) to ensure the continuing airworthiness of each operated airplane.

(8) After the effective date of this AD, you may install on an airplane an affected control surface not listed in table 1 of Piaggio Aero Industries S.p.A. Mandatory Service Bulletin N.: 80-0455, dated: January 13, 2017, provided that before further flight after installation, the affected control surface has been inspected as specified in this AD and found airworthy.

(g) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs):* The Manager, Standards Office, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Mike Kiesov, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4144; fax: (816) 329-4090; email: mike.kiesov@faa.gov. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(2) *Airworthy Product:* For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

(3) *Reporting Requirements:* For any reporting requirement in this AD, a federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2120-0056. Public reporting for this collection of information is estimated to be approximately 5 minutes per response, including the time for reviewing instructions, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW., Washington, DC 20591, Attn: Information Collection Clearance Officer, AES-200.

(h) Related Information

Refer to MCAI European Aviation Safety Agency (EASA) AD No.: 2017-0045, dated March 9, 2017; and Piaggio Aero Industries S.p.A. Mandatory Service Bulletin (SB) No.: 80-0455, dated January 13, 2017; for related information. You may examine the MCAI on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2017-0648. For service information related to this AD, contact Piaggio Aero Industries S.p.A.—Continued Airworthiness, Via Pionieri e Aviatori d'Italia snc—16154 Genova, Italy; Telephone: +39 010 0998046; Fax: None; email: airworthiness@piaggioaerospace.it; Internet: www.piaggioaerospace.it/en/customer-support#care. You may review this referenced service information at the FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

Issued in Kansas City, Missouri, on June 21, 2017.

Pat Mullen,

Acting Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2017-13498 Filed 6-28-17; 8:45 am]

BILLING CODE 4910-13-P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52

[EPA-R04-OAR-2016-0208; FRL-9964-10-Region 4]

Air Plan Approval; Alabama: Infrastructure Requirements for the 2012 PM_{2.5} National Ambient Air Quality Standard

AGENCY: Environmental Protection Agency.

ACTION: Proposed rule.

SUMMARY: The Environmental Protection Agency (EPA) is proposing to approve portions of the December 9, 2015, State Implementation Plan (SIP) submission, submitted by the State of Alabama, through the Alabama Department of Environmental Management (ADEM), for inclusion into the Alabama SIP. This proposal pertains to the infrastructure requirements of the Clean Air Act (CAA or Act) for the 2012 annual particulate matter (PM_{2.5}) national ambient air quality standard (NAAQS). The CAA requires that each state adopt and submit a SIP for the implementation, maintenance and enforcement of each NAAQS promulgated by EPA, which is commonly referred to as an “infrastructure SIP.” ADEM certified that the Alabama SIP contains provisions that ensure the 2012 Annual PM_{2.5} NAAQS is implemented, enforced, and maintained in Alabama. EPA is proposing to determine that Alabama’s infrastructure SIP submission provided to EPA on December 9, 2015, satisfies certain required infrastructure elements for the 2012 Annual PM_{2.5} NAAQS.

DATES: Written comments must be received on or before July 31, 2017.

ADDRESSES: Submit your comments, identified by Docket ID No. EPA-R04-OAR-2016-0208 at <http://www.regulations.gov>. Follow the online instructions for submitting comments. Once submitted, comments cannot be edited or removed from *Regulations.gov*. EPA may publish any comment received to its public docket. Do not submit electronically any information you consider to be Confidential Business Information (CBI) or other information

whose disclosure is restricted by statute. Multimedia submissions (audio, video, etc.) must be accompanied by a written comment. The written comment is considered the official comment and should include discussion of all points you wish to make. EPA will generally not consider comments or comment contents located outside of the primary submission (*i.e.* on the web, cloud, or other file sharing system). For additional submission methods, the full EPA public comment policy, information about CBI or multimedia submissions, and general guidance on making effective comments, please visit <http://www2.epa.gov/dockets/commenting-epa-dockets>.

FOR FURTHER INFORMATION CONTACT:

Tiereny Bell, Air Regulatory Management Section, Air Planning and Implementation Branch, Air, Pesticides and Toxics Management Division, U.S. Environmental Protection Agency, Region 4, 61 Forsyth Street SW., Atlanta, Georgia 30303-8960. Ms. Bell can be reached via telephone at (404) 562-9088 or via electronic mail at bell.tiereny@epa.gov.

SUPPLEMENTARY INFORMATION:

I. Background and Overview

On December 14, 2012 (78 FR 3086, January 15, 2013), EPA promulgated a revised primary annual PM_{2.5} NAAQS. The standard was strengthened from 15.0 micrograms per cubic meter (µg/m³) to 12.0 µg/m³. Pursuant to section 110(a)(1) of the CAA, states are required to submit SIPs meeting the applicable requirements of section 110(a)(2) within three years after promulgation of a new or revised NAAQS or within such shorter period as EPA may prescribe. Section 110(a)(2) requires states to address basic SIP elements such as requirements for monitoring, basic program requirements and legal authority that are designed to assure attainment and maintenance of the NAAQS. States were required to submit such SIPs for the 2012 Annual PM_{2.5} NAAQS to EPA no later than December 14, 2015.¹

¹ In these infrastructure SIP submissions States generally certify evidence of compliance with sections 110(a)(1) and (2) of the CAA through a combination of state regulations and statutes, some of which have been incorporated into the federally-approved SIP. In addition, certain federally-approved, non-SIP regulations may also be appropriate for demonstrating compliance with sections 110(a)(1) and (2). Throughout this rulemaking, unless otherwise indicated, the term “ADEM Administrative Code (Admin. Code r.)” indicates that the cited regulation has either been approved, or submitted for approval into Alabama’s federally-approved SIP. The term “Alabama Code” (Ala. Code) indicates cited Alabama state statutes, which are not a part of the SIP unless otherwise indicated.

This action is proposing to approve Alabama’s infrastructure SIP² submission for the applicable requirements of the 2012 Annual PM_{2.5} NAAQS, with the exception of the interstate transport provisions pertaining to contribution to nonattainment or interference with maintenance in other states of section 110(a)(2)(D)(i)(I) (prongs 1 and 2) and visibility of section 110(a)(2)(D)(i)(II) (prong 4), and the state board requirements of section 110(a)(2)(E)(ii). With respect to the interstate transport provisions pertaining to contribution to nonattainment or interference with maintenance in other states of section 110(a)(2)(D)(i)(I) (prongs 1 and 2) and visibility of section 110(a)(2)(D)(i)(II) (prong 4), and the state board requirements of section 110(a)(2)(E)(ii), EPA will address these in separate rulemaking actions.

II. What elements are required under sections 110(a)(1) and 110(a)(2)?

Section 110(a) of the CAA requires states to submit SIPs to provide for the implementation, maintenance, and enforcement of a new or revised NAAQS within three years following the promulgation of such NAAQS, or within such shorter period as EPA may prescribe. Section 110(a) imposes the obligation upon states to make a SIP submission to EPA for a new or revised NAAQS, but the contents of that submission may vary depending upon the facts and circumstances. In particular, the data and analytical tools available at the time the state develops and submits the SIP for a new or revised NAAQS affects the content of the submission. The contents of such SIP submissions may also vary depending upon what provisions the state’s existing SIP already contains.

More specifically, section 110(a)(1) provides the procedural and timing requirements for SIPs. Section 110(a)(2) lists specific elements that states must meet for infrastructure SIP requirements related to a newly established or revised NAAQS. As mentioned above, these requirements include basic SIP elements such as requirements for monitoring, basic program requirements and legal authority that are designed to assure attainment and maintenance of the NAAQS. The requirements of section 110(a)(2) are summarized below and in EPA’s September 13, 2013, memorandum entitled “Guidance on Infrastructure State Implementation

² Alabama’s 2012 Annual PM_{2.5} NAAQS infrastructure SIP submission dated December 9, 2015, is referred to as “Alabama’s infrastructure SIP submission” in this action.