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Maintenance

**AIRCRAFT MAINTENANCE DURING SEVERE
WEATHER**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements Air Force Policy Directive (AFPD) 21-1, *Managing Aerospace Equipment Maintenance*. It establishes procedures and assigns responsibilities for securing aircraft and equipment assigned to the 442d Fighter Wing, including evacuation, when severe weather is forecast. These procedures supplement those listed in T.O. 1A-10A-2-1-1, *Organizational Maintenance General Equipment Manual*, T.O. 1A-10A-2-1-3, *Organizational Maintenance Cross Servicing Guide*, and Whiteman AFB Instruction 15-11, *Weather Support Procedure*. These procedures apply to all personnel assigned to the 442d Logistics Group and the 442d Operations Group. Supervisors, superintendents, and flight chiefs are responsible for ensuring compliance with this instruction.

SUMMARY OF REVISION

This revision changes series number and title; and updates language, format and directives. A (I) indicates revisions from the previous edition.

1. Procedures:

- 1.1. When a severe weather warning is issued, the Command Post/Maintenance Control Function (CP/MCF) will implement Severe Weather Checklist Number 18 and notify the following:
 - 1.1.1. Logistics Group Commander.
 - 1.1.2. Operations Group Commander.
 - 1.1.3. Fighter Squadron Maintenance OIC/Superintendent.
 - 1.1.4. Maintenance Squadron Superintendent.
 - 1.1.5. Quality Assurance.
 - 1.1.6. All radio nets.
 - 1.1.7. Egress.

- 1.1.8. Armament Shop.
- 1.1.9. Munitions Storage.
- 1.1.10. Weapons Flight.
- 1.1.11. Fuel Cell.
- 1.1.12. 442d Fighter Wing Safety Office.

1.2. The following procedures will be implemented when Whiteman Air Force Base issues lightning warnings.

1.2.1. 25 Miles: MCF will inform all agencies that lightning is within 25 miles. Personnel will be aware of the possibility of lightening moving into the area.

1.2.2. 10 Miles: MCF will inform all agencies that lightning is within 10 miles. Fuel cell maintenance, egress maintenance, fueling/defueling and explosive operations will terminate. All other non-essential operations will cease. Examples of essential operations: i.e., recovery of aircraft. Completion of EOR procedures, etc.

1.2.3. 5 Miles: MCF will inform all agencies that lightning is within 5 miles. All operations other than safety related, will be terminated. Example of safety related operation is putting wheel chocks under running aircraft.

1.3. If local winds in excess of 30 KIAS are reported at Whiteman AFB, fuel cell maintenance on the flightline will be terminated.

2. Procedures and Responsibilities:

2.1. Maintenance personnel who work outside are responsible to report severe weather to the flightline Expeditor or senior maintenance person on the flightline. This person will in turn upchannel this information to MCF. If determined by the Expeditor or senior maintenance that conditions are unsafe to work, that person may authorize actions contained in paragraphs 1.2.2. or 1.2.3. of this wing instruction.

2.2. Ensure that aircraft and equipment are secured at the end of each workday in accordance with T.O. 1A-10A-2-1-1. Remove fire extinguishers not in use and park on the edge of ramp.

2.3. When threatening weather has been reported from personnel outside, MCF will implement severe weather checklist.

2.4. Remove all maintenance stands and loose equipment from parking apron and secure. If space and time permit, place nonpowered support equipment inside hangars and docks. Support equipment outdoors will be secured.

2.5. All maintenance personnel will be subject to recall if it becomes necessary to tow or evacuate aircraft. After ascertaining workload requirements, flight chiefs will recall personnel from leave as necessary. MCF will coordinate with Operations for fuel requirements, keep them informed on in-commission status, and recommend priority of evacuation. Fighter Squadron Maintenance personnel will be responsible for an enroute maintenance team with tools and equipment, if required.

2.6. Severe weather team consisting of a senior NCO and six mechanics will be designated by the Fighter Squadron Maintenance OIC/Superintendent. In the event of a weather warning during non-duty hours, the team chief or his alternate will be notified by the staff duty officer. The team chief

will inspect the aircraft parking area and, if necessary, will recall additional team members to secure aircraft and equipment. Team roster will be published in the Monthly Maintenance Plan.

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Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFPD 21-1--Managing Aerospace Equipment Maintenance

T.O. 1A-10A-2-1-1--Organizational Maintenance General Equipment Manual

T.O. 1A-10A-2-1-3--Organizational Maintenance Cross Servicing Guide

WAFBI 15-11--Weather Support Procedure