

SECTION 3

AIR OPERATIONS AREA

3.6 AIRCRAFT FUELING/DEFUELING *(rev. 4/2024)*

Applicable Regulations

All fueling and defueling of aircraft and shall be conducted in accordance with these rules and regulations;

- IFC 2021
- NFPA 407
- State of Alaska Life and Fire safety code as adopted
- FAA Regulations

All tank vehicles shall conform to;

- IFC 2021
- NFPA 385
- NFPA 407
- State of Alaska Life and Fire safety code as adopted

Only airlines and refueling agents approved by Fairbanks International Airport shall conduct fueling and defueling of aircraft. All tenants dispensing fuel on the airport are required to keep a current inventory of all vehicles and equipment used for fueling aircraft and notify Airport Police and Fire of changes to. Any new tenant or new vehicles must have the vehicle/unit inspected by Airport Police and Fire prior to start of any fueling operations.

Fuel tank and dispensary will be bonded prior to fueling.

Bonding of Aircraft Fueling Vehicles

Aircraft fueling vehicles shall be electrically bonded to the aircraft being fueled or defueled. Bonding connections shall be made prior to making fueling connections and shall not be disconnected until the fuel-transfer operations are completed and the fueling connections have been removed.

Transfer apparatus shall be metallicly interconnected with tanks, chassis, axles and springs of aircraft-fueling vehicles. Aircraft-fueling vehicles shall be provided and maintained with a substantial heavy-duty electrical cable of sufficient length to be bonded to the aircraft to be serviced. Such cable shall be metallicly inter-connected to the transfer apparatus or chassis of the aircraft-fueling vehicle on one end and shall be provided with a suitable metal clamp on the other end, to be fixed to the aircraft.

In addition to the above, where fueling overwing is concerned, the nozzle shall be bonded with a nozzle bond cable having a clip or plug to a metallic component of the aircraft that is metallicly connected to the tank filler port. The bond connection shall be made before the filler cap is removed. If there is no plug receptacle or means for attaching a clip, the operator shall touch the filler cap with the nozzle spout before removing the cap in order to equalize the potential between the nozzle and the filler port. The spout shall be kept in contact with the filler neck until the fueling is completed.

Spill Response and Reporting

Spills and/or releases of fuels, petroleum products, hazardous substances, and other environmental contaminants to the land, water or other property at the Fairbanks International Airport must be immediately reported to the Airport Management by contacting Airport Dispatch at (907)474-2530. The operator, or agent responsible for the spill, shall report and initiate the clean up process according to applicable federal, state, and/or local environmental law in a timely manner.

The response to a fuel spill must be immediate to reduce fire hazard, environmental impacts, and to protect the apron structure. To provide this response, all fueling vehicles having a capacity greater than 300 gallons must be equipped with spill response equipment, and the vehicle operator must be trained in the use of this equipment.

Minimum equipment requirements:

- Fuel absorbent pads, boom, and granules adequate for containing a minimum of 100 gallons of fuel.
- Mats designed for covering storm drain drop inlets, to prevent the entry of fuel.

In the event of a spill, the following steps are required:

1. Notify Airport Environmental at (907)474-2598, or through Airport Dispatch at (907)474-2530.
2. Notify Alaska Department of Environmental Conservation (ADEC) at (907)451-2121, or after hours at 1-800-478-9300. ADEC spill notification forms outline the information that is required in the report.
3. Initiate containment and clean up actions per your business's Spill Response Plan and assure that you protect workers and the environment from further contamination by remembering:
 - Always wear the appropriate personal protective equipment (PPE) to protect yourself and fellow workers.
 - Prevent fuels and/or hazardous substances from entering storm sewers or drainage ditches.
 - Corrosive spills (acids and bases) should be neutralized.
 - Wastewater and sewage spills require clean up, disposal to a sanitary sewer, and sterilizing of all exposed surfaces with a disinfectant (18 AAC 72.040).
 - Additional site assessment and remediation may be required, depending on the substance spilled and the size of the release.
 - Disposal of all hazardous materials recovered, absorbent materials, PPE and other materials used during the clean up shall be in accordance with applicable regulations.
 - Provide copies of all spill reports to Airport Environmental via fax at (907)474-2513.

Failure to comply with the reporting requirements and clean up requirements as required by law will subject the operator to enforcement actions and penalties imposed by the Alaska Department of Environmental Conservation (ADEC) and the Environmental Protection Agency (EPA).

Airlines and airline ground servicing agents should inspect aircraft parking spots prior to and after ground servicing to ensure the area is clear of any reportable spills. Areas where ground service equipment (GSE) is parked are to be checked regularly for spills from leaking GSE. Leaking equipment must be removed from the airfield and repaired before returning to service.

17 AAC 42.050 further states; "If a person responsible for a release does not take immediate action to report, contain, and clean up the release, the airport manager shall report, contain, or

clean up the release as the manager determines appropriate under the circumstances. The department may seek reimbursement for the department's costs of assessment, reporting, containment, and clean up, as applicable, from the person responsible for the release".

Compliance

The above references to State and Federal regulations regarding aircraft fueling/defueling are provided as guidance only. Other regulations may apply that are not referenced in this section and the information contained in these regulations may change. The airport does not make any guarantees or assume any liability with the respect to the use of any information contained in this section. To ensure compliance, it is recommended that users of these Operational Orders check all regulations for changes, or consult the appropriate regulatory agency or a qualified professional for further advice.