


***MINIMUM STANDARDS - INDEX***

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**DEPARTMENT OF AVIATION  
CLARK COUNTY AVIATION SYSTEM****OPERATING DIRECTIVES**

<b>Title: Minimum Standards Operating Directive</b>	<b>Number: 01-7</b>
	<b>Effective Date: June 1, 2001</b>
<b>Authority Signature: RANDALL H. WALKER, Director of Aviation</b> 	<b>No. of Pages:</b> <b>1</b>


***OPERATING DIRECTIVE 01-7: MINIMUM STANDARDS***

Clark County, through the Department of Aviation, owns and operates McCarran International Airport. McCarran is a large-hub, primary commercial service airport, providing national and international access for Las Vegas residents and visitors, valuable access to the national air transportation system and contributes to the overall quality-of-life of the communities served.

The County is responsible for developing Airport Rules and Regulations and Operating Directives intended to ensure the safety and protection of persons, property and the environment. Further, the County has instituted Minimum Standards establishing threshold entry criteria for those wishing to provide services to the public at the Airport. These Minimum Standards apply to all Airport tenants, including non-commercial aviation related airport users, and non-aviation related commercial enterprises. Those businesses or concerns meeting the County's approved Minimum Standards may pursue negotiation, with the Department of Aviation, of a lease to provide specific services, in a designated leased area with stated facilities, at an agreed upon set of rates and charges. It has been generally acknowledged and proved by history that the development, updating, and enforcement of Minimum Standards can diminish complaints by potential or existing tenants.

The approved Minimum Standards are intended to supplement the McCarran International Airport Rules and Regulations (as periodically revised) which have been formally adopted by the Clark County Board of Commissioners in accordance with Section 20.04.020 of the Clark County, Nevada Code.

**DEPARTMENT OF AVIATION  
CLARK COUNTY AVIATION SYSTEM****OPERATING DIRECTIVES**

<b>Title: Minimum Standards Operating Directive Noncommercial Self Fueling of Aircraft</b>	<b>Number:</b>
	<b>Effective Date: January 1, 2002</b>
<b>Authority Signature: RANDALL H. WALKER, Director of Aviation</b> 	<b>No. of Pages:</b> <b>5</b>

***OPERATING DIRECTIVE 02-7: MINIMUM STANDARDS NONCOMMERCIAL SELF  
FUELING OF AIRCRAFT***

The County recognized the need to provide individual aircraft owners with the opportunity to service their own aircraft. Therefore, the County has provided at several airports self-service fueling islands for owner/operator use, and is adopting this Section of the Minimum Standards to govern all other private, noncommercial self-fueling activities.

***A. GENERAL CONDITIONS***

Persons wishing to self-fuel, at locations other than the County's self-service fueling islands, must possess a valid Self-Fueling Permit issued by the County and must conform to the Minimum Standards outlined herein.

In making application for a Self-Fueling Permit, Persons must provide a detailed description of their intended fueling operation including a full description of the fueling equipment and transport vehicle proposed to be used and the personnel training program to be implemented.

***B. LIMITATION***

Self-Fueling Permit holders shall be restricted from selling and/or dispensing fuels to other aircraft owners, including both locally based and transient aircraft. Fueling of any aircraft not owned or leased by the Self Fueling Permit holder shall constitute a violation of the Self-Fueling Permit and shall be grounds for the immediate revocation of the Permit. Prior to issuance of the Self-Fueling Permit, Permit applicants shall provide evidence of ownership or lease of any aircraft being fueled.

**C. FUEL**

The Self-Fueling Permit holder shall only provide aviation fuel of the types(s) required by those aircraft which the Permit holder owns and/or leases. The dispensing of fuels shall conform with State, County, City and NFPA codes and standards, applicable FAA circulars and regulations, and American Standard Testing Method (ASTM) D-910 for aviation gasoline and ASTM D-1655 for jet fuel and ASTM D-439 for automobile gasoline.

Aircraft using automobile gasoline (Mogas) must meet standards as identified in applicable Supplemental Type Certificate (STC) for the permitted aircraft. A copy of the STC shall be provided to the County prior to the issuance of the Self-Fueling Permit. The Self-Fueling Permit holder shall certify by acceptance of this Permit that the Mogas conforms to the ATSM Specification D-439 as require by the STC. The Permit holder shall further certify that the Mogas does not contain alcohol, methanol, or both which can be detrimental to the integrity of rubber parts, carburetor, gaskets and other engine components.

**D. FUELING VEHICLES / METHODS**

Apparatus shall be properly maintained, operated and equipped in accordance with recommendations, requirements and regulations of the FAA, the State, and the County and the City. Aircraft fueling apparatus shall be attended and operated only by personnel instructed in methods of proper use and operations, and who are qualified to use such fueling apparatus in accordance with safety requirements.

Prior to the initial use of a Self-Fueling apparatus on any County airport, the Self-Fueling Permit holder shall present such apparatus for inspection and approval by the County and/or City Fire Marshall. Periodically, the Permit holder shall allow the fueling system to be re-inspected by the Applicable Fire Marshall. Operation of the apparatus shall cease until any malfunction or discrepancy so noted is corrected to the satisfaction of the applicable Fire Marshall.

The Self-Fueling Permit holder shall conduct self-inspection and maintenance of all fueling apparatus as prescribed by the Fire Marshall.

Pumps, either hand or power operated, shall be used when aircraft are fueled. Pouring or gravity flow of fuel shall not be permitted.

Steps shall be taken to minimize the possibility of sparks from static electricity while fueling aircraft any fueling equipment shall be electrically bonded to each other, the fueling nozzle shall be electrically bonded to the aircraft and both aircraft and fueling equipment shall be grounded before fuel flow starts. The use of grounding rods, which are located at self-fueling locations will be required.

Self-Fueling operations shall be conducted only in areas designated by the County. The Self-Fueling Permit will delineate those locations and Building Sites where the Permit holder may fuel aircraft. In no instance shall flammable or combustible liquid be dispensed into or removed from the fuel system of an aircraft parked within any hangar or building, nor within fifty (50) feet of any potential source of ignition.

All fuel dispensing containers shall have a value mechanism such that water or other contaminants can be drained from the lowest portion of the tank.

Fuel dispensing pumps, any associated electrical wiring, hoses, nozzles and filters shall meet all applicable federal, State, County, and City requirements pertaining to the dispensing of automobile gasoline or aviation fuels. Fuel dispensing nozzles shall be of the type equipped with an automatic shut-off, which shall not be blocked with any foreign object or left unattended during fueling operations.

An inline filtration system utilizing a five (5) micron or less gasoline filter element shall be included in the fuel dispensing system.

A 20-BC rated fire extinguisher is required and shall be readily available to the Self-Fueling Permit holder while transporting and/or dispensing automobile gasoline or aviation fuels.

During fuel dispensing into the aircraft, the fueling vehicle shall be positioned with a clear exit path and shall not be obstructed by, nor shall it obstruct, parked aircraft or vehicular movements.

Fueling personnel shall be appropriately clothed. Expressly prohibited are garments of silk, polyesters, nylon with wool or other static generating fabrics, and shoes containing no taps, hobnails, or other material which could generate sparks on the pavement.

FAA Advisory Circular No. 150/5230-4 (as currently issued) shall be used as a guide for determining the minimum requirements for training of fueling personnel, procedures for dispensing and filtering fuels, safety requirements for refueling vehicles, emergency procedures and other related fueling safety items.

The County may, at its sole discretion, immediately suspend any Self-Fueling operation it deems in violation of any item or term of the Self-Fueling Permit.

#### ***E. FUELING CONTAINERS / TRANSPORTATION***

Fuel transport container capacity shall not be less than 20 gallons. Containers shall be painted red and clearly marked with the type of fuel and with "flammable" and "no smoking" placards on the exterior of the container.

Any fuel transport container shall be mechanically secured to the transport vehicle.

Fueling of an aircraft directly from a vehicle fuel tank is prohibited.

Containers and transportation methods shall comply with the applicable federal, State, County, City, and NFPA codes and regulations.

***F. INDEMNIFICATION***

The holder of a Self-Fueling Permit shall be deemed to be an independent contractor and operator responsible to all parties for its acts or omissions, and the County shall in no way be responsible therefore. Upon securing a Self-Fueling Permit, the Permit holder covenants and agrees to indemnify, hold harmless and defend the County, its officers, agents, servants, and employees from and against any and all claims for damages or injury to persons or property arising out of or incident to the use of this Self-Fueling Permit.

***G. FEES AND PAYMENTS***

Fees payable by the Self-Fueling Permit holder shall be established by the County. Such fees shall offset those costs to the County associated with the enforcement, supervision, accounting, and administration of the Self-Fueling Permit's terms and conditions. In addition, the County shall collect a per gallon fuel flowage fee.

The Self-Fueling Permit holder shall be responsible for reporting all fuel dispensed during each calendar month and submitting a summary report along with the appropriate fees to the County on, or before, the 15<sup>th</sup> of each subsequent month.

***H. SELF-FUELING PERMIT CANCELLATION***

The Self-Fueling Permit may be canceled by the Permit holder upon thirty (30) days written notice to the County only after all payments and fees due have been paid.

The Self-Fueling Permit may be canceled by the County in the event the Permit holder shall:

- 1.*** Be in arrears in the payment of the whole or any part of the fees and payments agreed upon for a period of ten (10) days after the time such payments become due.
- 2.*** Discontinue Self-Fueling Operations
- 3.*** Default in the performance of any of the covenants and conditions required herein to be kept and performed by the Permit holder, and such default continues for a period of thirty (30) days after the receipt of a written notice from the County.

- 4.** Violation of any safety procedures specifically enumerated in the Self-Fueling Permit.
- 5.** Lapse of any form of required insurance.
- 6.** Failure to report timely and accurate report records listed herein.