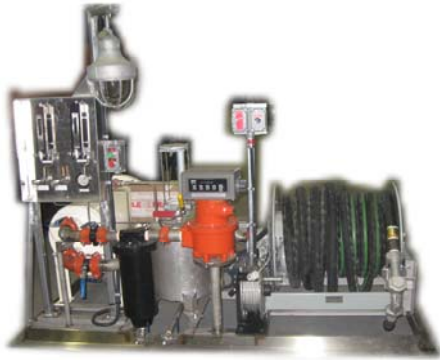




Helicopter and General Aviation Fueling Module

SSSI Aviation Fueling Modules Meets 100 % refueling system requirements. The modular design allows for flexibility and easy expansion. Systems are fully compliant with NFPA 407 & ATA 103 requirements and designed for fixed and rotary wing aircraft refueling. Compatible with Avgas or Jet Fuel, JIG, DOT 406. API 1529 last, edition, 1581 or 1583 last edition

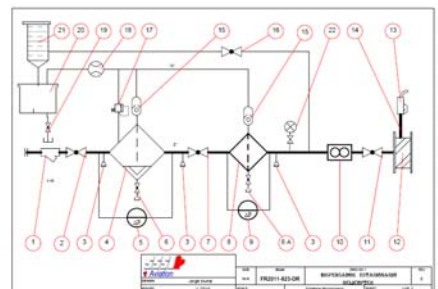
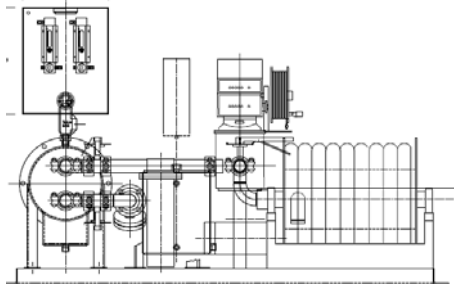
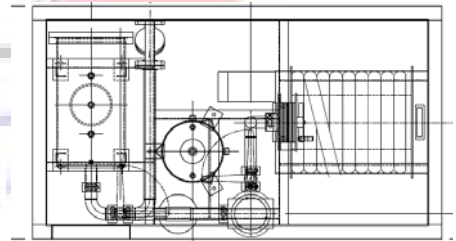
Our Fueling Systems are equipped with the latest technology and filters designed for aviation and Jet A fuels. We can design custom aviation skids to meet your individual aviation fueling needs. Pumps are available from 20 gpm to 80 gpm. Only the highest quality components are used to ensure that every tank and dispensing systems will perform reliably with maximum safety.. Specialty equipment offered for aviation fueling operations includes thief pumps for withdrawing water from tanks, "pump pod" systems for in-the-field fueling and defueling of helicopters, fuel cleaning and recirculation systems and sump recyclers.



SLEAG- 50- (S)



SLEAG- 50- (G)



General spec. , Procedures and test

ITEM	DESCRIPTION
pipe	Alum.SB2416061-T6 or ss 316
Flange	Alum.SB2416061-T6 o ss316
Hose	API-1529 last edition
Sensor lines	Material AISI 316 (0.036" wall thickness) Fittings de compression con doble ferrule
Fittings	NPT aluminium
bolts	UNC, Material ASTM A193 B7 & ASTM A194 2H
gasket	Buna or teflón
Interconectiion pipe and vessels	ASME Boiler Pressure Vessels and Piping Code CSA Standard B51, Boiler, Pressure Vessel and Piping Code
Weld	WPS Standard for overlap welds - WPS Standard for butt welds
Test NDT	100% Visual 100% Gamma Radiography SS1777 () Aceptación acorde a ANSI B31.3
Pressure test frame	All system 1,5 work pressure x 1 h., Carbon steel ASTM A36
Electric	Acorde a Canadian Electrical Code
Clasificación Instrments	Class 1, Divition 2 ass CSA

Functional test at full performance
Pressure test of complete system.

Fuelling Equipment Module / Fuelling Equipment Framework

- **Filter monitor** according with API 1583 last edition; with internal coated steel casing (mounting plate for elements made of stainless steel), hinged cover, front loader type, gas return line with sight glass/visi-flow and ball shut-off valve, leading from air/gas eliminator to the dumptank, pipe inside the dumptank leading to tank bottom to prevent free-fall of fuel, shut-off valve open sealed, stainless steel sample/drain line ¾“, connected via one stainless steel ball valve ¾“ to filter monitor’s vessel upstream the division plate terminating in vertical direction in a second ball valve 1“ with stainless steel ball and male „Kamlock“, piston type differential pressure gauge fitted across the filter, indicating the total differential pressure of the monitor; test-/three-way valve, fitted to the low-pressure side of the differential pressure gauge, with the third port connected to the gas return line (zero pressure), enabling the test of differential pressure gauge, two Millipore (ASTM - 2276)sample in and out pipe
- **Single bulk meter** to record fuel delivered through the deck and the reel hose, with counter head, roller type with resetable large number counter (five digits) and non-resetable totalizer (eight digits) and rate-of-flow indicator
- **Reel hose** 1", 30m two plys, pressure proof, both ends fitted with brass male coupling resp. API 1529 4.edition, hose couplings , overwing nozzle or avgas or Jet A1
- **Dumptank** of aluminium, capacity approx. 60 l, to collect sense-/depressurisation and sampling fuel, with bottom sloping to the lowest point equipped with flanged inspection cover; vent opening with flame trap filling stub/funnel for sample fuel with strainer and cap; level indicator; drain ball shut-off valve 1" at the lowest point with drain line, terminating in a screwed connection 1" with cap.
- **Operation station**(control panel)Following indicators, controls and operation handles etc.are conveniently grouped and easily reachable to an illuminated operating station at operation side, clearly labelled with bolted metal symbol plates resp. cutted plastic plates incl. an operating instruction plate which clearly define the function of the controls for all fuelling operation
- **Grounding/bonding equipment** one cable reel, manual rewind, with 30 m grounding/bonding cable (steel, PVC coated) and brass crocodile clip, non-covered design, earthing/grounding strip, fitted to the rear axle Earthing/grounding clamp at drain/sample point of filter

- **Electrical installation** All supplementary items are wired through fuses; switches and fuses are mounted inside driver's cabin, all switches and warning lights clearly labelled
- **EXTINGUISHER** top-open brackets (scabbard type) for extinguishers, fire extinguishers, 12 kg dry-powder, BC type

OPERATION MANUAL / SPARE PARTS

following literature in English or Spanish language in three-fold

Operating instruction manual including set of drawings, maintenance manual and parts list for all major components

Spare parts will be available for a minimum period of ten years after delivery of the module .

OPTIONS (Additional equipment according with the client needs)

A- Aditive dosificator System

B- Hose shut-off/ pressure test Installation of additional hose shut-off valves 2 ½", butterfly-type, make Fluid Transfer, directly at fuelling hose connections (at reel hose between reel and hose) to separate the fuelling hoses from the system

for hose pressure test in-situ and installation of pressure test connections for each hose with screwed stub, grouped together at operation- or maintenance side.

C- Automatic Dumptank Emptying system and high/high alarm

suction line, connected to dumptank's drain line, incl. ball shut-off valve emptying pump, hydraulically driven, automatically operated via pneumatic/hydraulic control valve with additional hand operated switch-on lever pressure line, connected to the fueling system upstream the filter, incl. non-return valve and emergency shut-off valve

D-. Deadman control system

- E- Covering Module** (SS or aluminium) . Total Access Enclosure Module, All panels are removable, Half-drop door, Provisions for locking, 1/8" architectural grade aluminum
- F- Cabinet** for quality control equipment.
- D- Additional Hose reel** Installation of a second hose reel including reel hose with nozzle, hose reel drive, shut-off
- G – Covering / panelling** of operating station, made from aluminium, as weather protection, including roof and big lateral lockable flap which can be opened upwards under gas tension for the operation station
- H- Electronic meter head** Electronic Counter with temperatura compensator
- J- Filter separator** last edition API 1581.
- L- Three way valve** for gauge test
- M- Pump unit** are available from 30 gpm to 400 gpm
- S- Standart**

HOW TO ORDER

MODEL

SLEAG- 60- XXXXXXXXXXXX

Sssi/lemico stationary dispenser for general aviation or helicopter

Max flow
GPM

Options
(according with the client needs)

Our serias number

J211-034-1

Consecutive
of year

Others

Year Made