



**Hewitt**

^1212340N, ^1351640N  
Recommended Installation, Maintenance  
and Inspection Instructions

**Aviation S  
BSPP**

**Pressure Activated Aviation BSPP Nozzles**

SEE LISTINGS FOR DETAILS

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS IN A READILY ACCESSIBLE LOCATION




**⚠ WARNING** Designed for use at aviation fuel dispensing facilities only.

**INSTALLATION INSTRUCTIONS**

1. Turn off dispenser and relieve line pressure.
2. Do not use thread sealant (Teflon<sup>®</sup> tape, antiseize or any other kind of sealant).
3. Tighten firmly, approximately 15-20 lbf•ft / 20.3-27.1 N•m, but do not over-tighten.
4. Pressurize system and visually inspect for leaks.
5. Test nozzle for proper automatic shut off - minimum of 5 gpm / 18.9 Lpm.
6. Perform pressure activation test (no pressure / no flow test).

***DO NOT OVERTIGHTEN. USE WRENCH ON HOSE NUT ONLY.***

**TESTING / MAINTENANCE / INSPECTION**

-  **Daily**
  - Check for leaks / stains.
  - Check for loose spouts.
  - Check for damage.
  - Check for bent lever.
-  **Monthly**
  - Check nozzle automatic shut off - minimum of 5 gpm / 18.9 Lpm.
  - Check "remove after" date.
  - Clean fuel strainer
  - Check no pressure / no flow.
-  **Annually**
  - Check for electrical conductivity.
  - Lubricate main valve stem.

- All maintenance and inspection activities must be logged using the serial number of the individual product.
- Apply city, state, or federal testing regulations as appropriate.

***ANY TEST / INSPECTION  
FAILURE REQUIRES IMMEDIATE  
EQUIPMENT REPLACEMENT  
OR REMOVAL FROM SERVICE.***

**MADE IN THE USA**

**ALWAYS ADHERE TO INSTALLATION / USAGE INSTRUCTIONS AND WARNINGS.**

Improper use may result in injury, damage, or hazardous spill.

**GENERAL WARNINGS / INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS:**

- Use of equipment is at individuals' own risk.
- Always abide and adhere to city, state, and federal regulations regarding use and installation of dispensing equipment.
- Always follow the product manufacturer's installation and maintenance instructions.
- Always turn off all power to dispenser during maintenance and inspection activities.
- Always relieve pressure from system prior to performing maintenance activities.
- Always check continuity after installation using a megohmmeter (Refer to PEI RP 400 for details).
- Always replace or remove from service damaged or leaking dispensing equipment immediately.
- Always report leaks / spills / accidents to appropriate authorities.
- Always wear appropriate safety equipment during maintenance activities.
- Always have appropriate fire extinguishing equipment within 5 ft / 1.5 m of dispensers.
- Never use thread sealant (Teflon® tape, anti-seize or any other kind of sealant).



- Always discharge static electricity before using or servicing equipment by touching a metal part of the dispenser before and after fueling aircraft.
- Never smoke within 20 ft / 6.1 m of dispensers.
- Never keep in service past recommended life.
- Never leave the nozzle unattended while dispensing fuel.
- Never use sparking or flaming devices within 20 ft / 6.1 m of dispensers.
- Never use cell phone within 20 ft / 6.1 m of dispensers.

**CAUTION: DO NOT TOP OFF!**

Topping off can lead to spills and splashes.

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**WARRANTY**

**VAPOR PRODUCTS** – Husky Corporation will, at its option, repair, replace, or credit the purchase price of any Husky® manufactured product which proves upon examination by Husky, to be defective in material and/or workmanship for a period of one (1) year of installation or fifteen (15) months from the manufacture date of shipment by Husky, whichever occurs first. The warranty period on repaired or replacement vapor recovery products is only for the remainder of the warranty period of the defective product.

**CONVENTIONAL PRODUCTS** – Husky Corporation will, at its option, repair, replace, or credit the purchase price of any Husky manufactured product which proves upon examination by Husky, to be defective in material and/or workmanship for a period of one (1) year from the manufacture date of shipment by Husky.

Buyer must return the products to Husky, transportation charges prepaid. This Warranty excludes the replaceable bellows, bellows spring assembly, spout assembly and scuff guard, unless (i) damage is obvious when the product is removed from shipping carton and (ii) the defective product is returned to Husky prior to use. This warranty does not apply to equipment or parts which have been installed improperly, damaged by misuse, improper operation or maintenance, or which are altered or repaired in any way.

The warranty provisions contained herein apply only to original purchasers who use the equipment for commercial or industrial purposes. There are no other warranties of merchantability, fitness for a particular purpose, or otherwise, and any other such warranties are hereby specifically disclaimed.

Husky assumes no liability for labor charges or other costs incurred by Buyer incidental to the service, adjustment, repair, return, removal or replacement of products. Husky assumes no liability for any incidental, consequential, or other damages under any warranty, express or implied, and all such liability is hereby expressly excluded.

Husky reserves the right to change or improve the design of any Husky fuel dispensing equipment without assuming any obligations to modify any fuel dispensing equipment previously manufactured.

## OPERATION INSTRUCTIONS

1. Activate dispenser.
2. Attach grounding cable alligator clip to grounding port on aircraft.
3. Insert spout into fill pipe opening.
4. Raise the lever and begin fueling.
5. Nozzle will shut off automatically when the tank is full.
6. Wait 15 seconds to allow any fuel remaining in the spout to drain.
7. Remove nozzle from fill pipe by raising hose end of the nozzle.
8. Remove grounding cable alligator clip from aircraft grounding port
9. Return nozzle to nozzle boot.

## PRESSURE ACTIVATION GUIDE

1. Verify dispenser is turned off.
2. Place nozzle spout into test can.
3. Pull up lever - a small amount of fuel may flow until line pressure is relieved.
4. Turn on dispenser - nozzle should not dispense fuel.
5. Release lever.
6. Pull up lever and latch clip - nozzle should dispense fuel.
7. Turn off dispenser - nozzle should stop dispensing fuel.
8. Turn dispenser on - nozzle should not dispense fuel.

## TROUBLESHOOTING GUIDE

Nozzle keeps shutting off or won't dispense...

1. Make sure dispenser is on and activated.
2. Clean spout tip end.
3. Clean or replace dispenser filter.
4. Clean or replace fuel strainer.
5. Replace spout assembly.
6. Check dispenser pressure - 19 psi / 1.3 bar is required to activate nozzle.

Nozzle won't shut off...

1. Check flow rate - minimum of 5 gpm / 18.9 Lpm required.
2. Remove nozzle and drain hose.

Nozzle leaks...

1. Check for loose spout.
2. Check hose connection.
3. Check for cracks in nozzle and hose threads.

Low flow rate...

1. Verify dispenser is not in slow flow rate mode.
2. Check for system leak.

## FUEL STRAINER CLEANING INSTRUCTIONS

1. Remove nozzle from hose and drain.
2. Remove fuel strainer assembly from nozzle.
3. Flush dirt and debris from strainer.
4. Install fuel strainer assembly onto nozzle.  
Never use thread sealant (Teflon<sup>®</sup> tape, anti-seize or any other kind of sealant).
5. Tighten firmly, approximately 15-20 lbf•ft / 20.3-27.1 N•m, but do not overtighten.
6. Follow installation instructions to install nozzle onto dispenser.

## GENERAL TECHNICAL DATA

<b>Fuel Type</b>	Test and warranty for aviation fuel
<b>Flow Rate</b>	50 gpm / 189.3 Lpm
<b>Body</b>	Sand cast aluminum
<b>Disc</b>	Fluorocarbon
<b>Packing</b>	Double O-ring seal protected by fiber reinforced Teflon <sup>®</sup>
<b>Lever</b>	One piece contoured steel with hard plastic cover
<b>Shipping Weights</b>	4.5 lbs / 2 kg
<b>Threads</b>	1"/25.4 mm BSPP
<b>Spout</b>	1-3/16 in / 30.2 mm O.D. without spout bushing
<b>Case Quantity</b>	15

<b>Listing:</b>	^ Not Listed
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