

Service Difficulty Report

1. Submitter Information

 (a) Unique Control #: CA000801028 (b) Difficulty Date: 07/04/2000
 (c) Registration # : (d) Submitter Type : W - FOREIGN PART 129
 (e) Submitter Designator: (f) Submission Date: 8/4/2000 9:16:00 AM

2. Codes

 (a) Operator Designator : (b) Operator Type : General Aviation
 (c) JASC/ATA Code : 7314
 (d) Stage of Operation : IN - INSP/MAINT
 (e) How Discovered : V - Visual
 (f) Nature of Condition : 0 - OTHER
 (g) Precautionary Procedures: 0 - OTHER
 (h) FAA Region : CA (i) District Office :

3. Major Equipment Identity

	Manufacturer	Model	Serial Number	Total Time	Total Cycles
(a) Aircraft	CESSNA	402B		7467	
(b) Engine	CONT	TSI0520EB	815004R		
(c) Propeller	MCAULY	3AF32C87	767565		

4. Problem Description

 (CAN) BURNING ODOR WAS NOTICED FROM LT WING TIP AND LT LANDING LIGHT. CIRCUIT BREAKER TRIPPED. (TIP TRANSFER PUMP RECEIVES POWER FROM THIS BREAKER AND PUMP IS RUNNING WHENEVER MASTER SWITCH IS ON). PUMP WAS REMOVED AND APPROXIMATELY 1/2 OF THE PUMP BODY WAS FOUND DISCOLORED BY HEAT. (PROBLEM NOTICED ON WALKAROUND). SUBMITTER STATED THESE PUMPS FAIL ON A REGULAR BASIS (LT PUMP RECENTLY CHANGED WITH 90 HOURS SINCE NEW), HOWEVER, THIS IS THE FIRST ONE FOUND HEAT DISCOLORED. NORMAL FAILURE MODE IS FOR THE PUMP TO SLOWLY STOP RUNNING. NOTE: IN THIS INSTALLATION THE PUMP IS USED TO PUMP FUEL INTERNALLY IN THE TANK TO THE AREA OF THE FUEL OUTLET.

5. Specific Part or Structure Causing Difficulty

 (a) Part Name : PUMP (b) Manufacturer's Name :
 (c) Part Number : 476411 (d) Serial Number :
 (e) Part Condition: INOPERATIVE (f) Part/Defect Location: FUEL PUMP
 (g) Total Time : 19 (h) Total Cycles :
 (i) Time Since :

6. Component/Assembly That Includes Defective Part

 (a) Component Name: FUEL PUMP (b) Manufacturer's Name :
 (c) Part Number : (d) Serial Number :
 (e) Model Number : (f) Location :
 (g) Total Time : (h) Total Cycles :
 (i) Time Since :

7. Structure Causing Difficulty

 (a) Body or Fuselage Station - From/At: To:
 (b) Water Line - From/At: To:
 (c) Crack Length : (d) Number of Cracks:
 (e) Stringer - From/At: To:
 (f) Butt Line - From/At: To:
 (g) Wing Station - From/At: To:
 (h) Structural Other: (i) Corrosion Level :

----- End Of Report -----