



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Western Pacific Region

January 22, 2014

NTSB BURNER EXAMINATION NOTES

WPR14FA049

This document contains 0 embedded photos.

A. ACCIDENT

Location: Temecula, CA
Date: November 9, 2013
Aircraft: Firefly 10 Balloon, Registration Number: N1623L, Serial #: F10-2007
NTSB IIC: Howard Plagens

B. EXAMINATION PARTICIPANTS:

Howard Plagens
Senior Air Safety Investigator
National Transportation Safety Board
Desert Hot Springs, CA 92240

Inspector John Shaper
Aviation Safety Inspector
Federal Aviation Administration
Riverside FSDO
Riverside, CA

C. SUMMARY

Examination of the burners was conducted on January 22, 2014, at the facilities of Pacific Southwest Aerostats, Escondido, California.

D. DETAILS OF THE INVESTIGATION

1.0 Burner Examination

Serial number 836

Performed a visual examination

Hoses were about 9 years old

The main burner hose had minor cracks, but was not leaking.

The pilot valve hose had minor cracks, but was not leaking.

Utilizing a soapy spray solution, it was determined that Fire 2 hose had a minor leak at the fitting, but it was not considered dangerous. There was some black residue, which propane leaves when leaking.

The burner was hooked up to a test unit. The hoses displayed no anomalies.

A functional test of the burner was completed with no anomalies noted with the main burner valve. Shut down was unremarkable.

Serial number 856

The main burner hose fitting was loose, and leaking slightly.

The pilot valve hose was in good condition with no leaks.

The Fire 2 hose was in good condition with no leaks.

The burner was hooked up to a test unit. The hoses displayed no anomalies.

A functional test of the burner was completed with no anomalies noted with the main burner valve. Shut down was unremarkable.