

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspection and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.

Translation of 'Consigne de Navigabilité' ref. : 93-176(A)
In case of any difficulty, reference should be made to the French original issue.

MANUFACTURE FRANCAISE DE MONTGOLFIERES

RAVEN EUROPE Balloons

Fuel hoses

The present Airworthiness Directive applies to the RAVEN EUROPE balloons models : FRX 65, RX6, RX7, RX8, FS 57A, FS 83A, S 40A, S 49A, S 50A, S 52A, S 55A, S 60A, S 66A, S 71A, all serial numbers, that are equipped with hoses identified with one of the following :

- AEROQUIP FC 321-06 UL 5/16 LP-GAS HOSE 350 MAX. OPER. PSI 1Q92
- AEROQUIP FC 321-06 UL 5/16 LP-GAS HOSE 350 MAX. OPER. PSI 2Q92
- AEROQUIP FC 321-06 UL 5/16 LP-GAS HOSE 350 MAX. OPER. PSI 3Q92
- AEROQUIP FC 321-06 UL 5/16 LP-GAS HOSE 350 MAX. OPER. PSI 4Q92

or if hose identification is not legible.

In order to prevent an uncontained fire in the ballon basket caused by a leaking fuel hose, the following measures are made mandatory from the effective date of this Airworthiness Directive :

A/ Prior to further flight, remove each fuel hose from the leather sleeve, and, at system pressure, sniff test the entire length of the hose for signs of leakage. These signs could include frosting or chilling

- 1- If any sign of fuel leakage is found, prior to further flight, replace the entire fuel hose/manifold assembly with an approved assembly that includes hoses with markings different than that specified above.
- 2- If no sign of fuel leakage is found, perform this fuel leakage test prior to each flight thereafter until the replacement required by paragraph (B) of this AD is accomplished.

B/ Within the next 10 hours time-in-service after the effective date of this AD, unless already accomplished in accordance with paragraph (A)(1) of this AD, replace the entire fuel hose/manifold assembly with an approved assembly that includes hoses with markings different than that specified above.

C/ Replacing the entire fuel hose/manifold assembly which are concerned by this AD eliminates the repetitive test required by paragraph (A)(2).

Fuel hoses removed must be return to M.F.M. 2, rue Anatole France - 51435 TINQUEUX (FRANCE).

Record inspections and hoses replacement on the aircraft logbook.

REF. M.F.M. Service Bulletin N° 01 dated September 28, 1993

EFFECTIVE DATE : OCTOBER 23, 1993

n/Z

October 13, 1993

MANUFACTURE FRANCAISE DE MONTGOLFIERE
RAVEN EUROPE Balloons

93-176(A)