



SERVICE KIT NUMBER 83			
TITLE: MAIN LANDING GEAR (MLG) GRAVEL DEFLECTOR INSTALLATION			
BY: J. SORTOR	AIRCRAFT MAKE/MODEL(S): Quest Aircraft Design, LLC Kodiak 100	FLOAT MODEL(S): 7000	NOTE(S): OPTIONAL COMPLIANCE S/K P/N 1005488 ECO 22727
APP: R. ADLER			
DATE: 3/14/2012			
REV: B			

FAA APPROVAL HAS BEEN OBTAINED FOR TECHNICAL DATA IN THIS PUBLICATION THAT AFFECTS STC OR TSO DESIGN COMPLIANCE

EFFECTIVITY:

This service letter applies to all S/Ns Wipline model 7000 amphibian floats, as installed on Quest Aircraft Design, LLC Kodiak 100 aircraft per FAA STC number SA02848CH.

COMPLIANCE:

Service letter compliance is optional and recommended for aircraft operating on gravel runways.

BACKGROUND:

Aircraft operated on gravel runways may experience rock impact damage to the MLG main beam, forward surface and brake bleeder fittings. This service letter and associated kit reinforces the forward surface of the MLG main beam by adding a layer of stainless steel skin, which is attached with fasteners and sealant.

TECHNICAL DATA:

See Service Letter (SL) number 128 for technical accomplishment instructions.



KIT CONTENTS:

The following parts are included in this service kit. Parts quantity shown is for one MLG only. Two kits will be required for each aircraft.

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	NAS1149F0432P	WASHER
2	1	PR-1422-B-2	SEALER
3	1	1005443	GRAVEL DEFLECTOR
4	2	MS21044N4	NUTS

Sealer compound above is provided, and may be optionally replaced with Pro-Seal P/N 890-B2 or -B4 or Sikaflex P/N 201 or 252, or equivalent.

NOTES:

(none)

END