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SERVICE BULLETIN: SB130603, Change/Rotation of Pitch Motor Junction Box

FROM: MAXFLIGHT CORPORATION
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MESSAGE:

Affects all VR2002E, MT3000E, VR2002E, and FS2000E, all electric simulators, manufactured by MaxFlight Corporation (EM1 – EM71).

The purpose of this bulletin is to inspect the brake and power cable at the input side of Pitch Motor junction box for possible damage and rotate junction box so cables point towards floor, not the side.

INSTRUCTIONS:

1. Loosen the cable clamp at Pitch Motor junction box holding the cables and check for any crushing or possible wear through to one of the hot power wires. If they are damaged:
 - a. Mark all the wires and note to which motor leads they were connected.
 - b. Cut out the damaged part and reconnect to the motor leads.
 - c. Insulate the ends well to prevent shorts.
2. After the inspection, if everything is fine, loosen the four nuts holding the junction box to the motor, pull the box forward and rotate it so that the power and brake cables point towards the floor.
3. Reinstall the junction box to the motor and verify that the ground is under one of the mounting nuts.
4. Verify that all leads are insulated and positioned within the junction box.
5. Snug the cable clamp down to hold and secure the cables.
6. Reestablish a good drip loop on both cables. This is required so that when motor rises, it does not place any undue stress on cables.
7. Reinstall the junction box cover.
8. Test machine for proper operation.

Non-compliance of Service Bulletins adversely affects warranty and liability issues.

Please confirm receipt of this SERVICE BULLETIN by faxing this cover page with your signature on bottom line to MaxFlight Corporation at +1(732) 281-2009 within two days.

Signature

Company
