



# RIGGING ADVISORY CIRCULAR

Issue Date: 01 November 1985

RAC No. 309 Rev. A

SUBJECT Pioneer Parachutes with Dacron Lines

STATUS Recommended

IDENTIFICATION

Ram-Air Wing Main Parachutes

<u>Name</u>	<u>Part Number</u>
Merlin	5156-1, 5156-501, 5156-505, 5481-1
Superlite II	5179-1, 5179-501
Titan	5183-1, 5183-501, 5183-503, 5475-1
Kestrel	5184-1, 5184-501, 5184-503
Osprey	5492-1, 5492-501
Falcon	5792-1
Tactical Main Canopy-1	5436-1, 5436-501, 5436-503, 5436-505
Tactical Main Canopy-2	5479-1, 5479-501, 5479-503
Tactical Canopy-9	5660-1, 5660-501
Hi Lifter (Tandem)	5542-1, 5853-1, 5853-501, 5853-503, 5853-505

Ram-Air Wing Reserve Parachutes

Phoenix	5277-1, 5457-1, 5457-501
Reliant	5366-1, 5366-501, 5456-1, 5456-501, 5520-1, 5520-501
Tactical Canopy-9	5660-1, 5660-501
Hi Lifter (Tandem)	5542-1, 5853-1, 5853-501, 5853-503, 5853-505

Round Main Parachutes

Relative Work P.C.	2759-505, 2759-507, 2759-509, 2759-511, 2759-513
--------------------	---

Round Reserve Parachutes

Super 22	5050-501, 5050-505
K-20	5375-1
K-26	5400-1
K-22	5418-1

BACKGROUND

Pioneer Parachute Company, Inc. has recently been made aware of a problem with Pioneer K-Series Reserves that use resin treated Dacron suspension lines, which become excessively stiff after a 120 day repack cycle.

This condition could impede inflation and may also be apparent on other canopies with Dacron lines, including Pioneer main and reserve ram air parachutes.

The problem is attributable to excessive resin treatment by the cord manufacturer, resulting in stiffness where the line appears to be "set" (hard to straighten after being packed), as well as a slight tackiness on new lines that may cause them to adhere to each other after being packed for a period of time.



# RIGGING ADVISORY CIRCULAR

Issue Date: 01 November 1985

RAC No. 309 Rev. A

Due to the potentially serious nature of this condition, all owners of affected Pioneer Parachutes are urged to follow the inspection and corrective action detailed in this advisory.

## MANUFACTURE ADVISORY

Prior to the next usage, inspect for stiffness or tackiness. If stiffness or tackiness is apparent, follow the remedial instructions provided herein.

The repair should be accomplished by a Packer Grade A. A clean cloth, warm water, and talcum powder is required.

## PROCEDURE

1. Place canopy on packing table with risers secured in table.
2. Soak a clean cloth in warm water and wipe each suspension line from riser to skirt three times. Wipe each line with a dry cloth.
3. Allow to dry THOROUGHLY.
4. Apply talcum powder to a clean dry cloth and wipe each suspension line, from riser to skirt.
5. Once completed, shake excess talcum powder from suspension lines. Canopy may now be packed in accordance with manufacturer's instruction.
6. Corrective action in accordance with this advisory, should be noted on the packing data card.

## EFFECTIVE DATE

November, 1985.

## AUTHORITY

Pioneer Parachute Co, Inc.  
Safety Advisory H-6232

## DISTRIBUTION

APF Parachute Maintenance Manual Owners