



*S/L Armstrong*  
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Inter-Departmental Memorandum

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Date: May 28, 1958  
To: S. E. Harper  
From: T. Roberts  
Subject: R.F.T. 5034, Add. 1, ARROW 1 - STRUCTURAL INTEGRITY TESTS

① It is suggested that the determination of the parachute deployment load be carried out during the landing tests being made on aircraft 25202 as per R.F.T. No. 5054.

A recording of parachute load (see paragraph 3.1 of R.F.T. 5034) will be required, together with the following:-

- (i) Aircraft speed.
- (ii) Aircraft weight.
- (iii) Ambient pressure.
- (iv) Ambient temperature.
- (v) Wind velocity.

Normal aircraft landing weights may be employed, but more information would be obtained if both a high and a low speed landing were made.

It is required to relate deployment load and aircraft speed. Since these parameters will be determined by different means (oscillograph and photograph respectively) it is important that it be possible to correlate them closely.

②  
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