



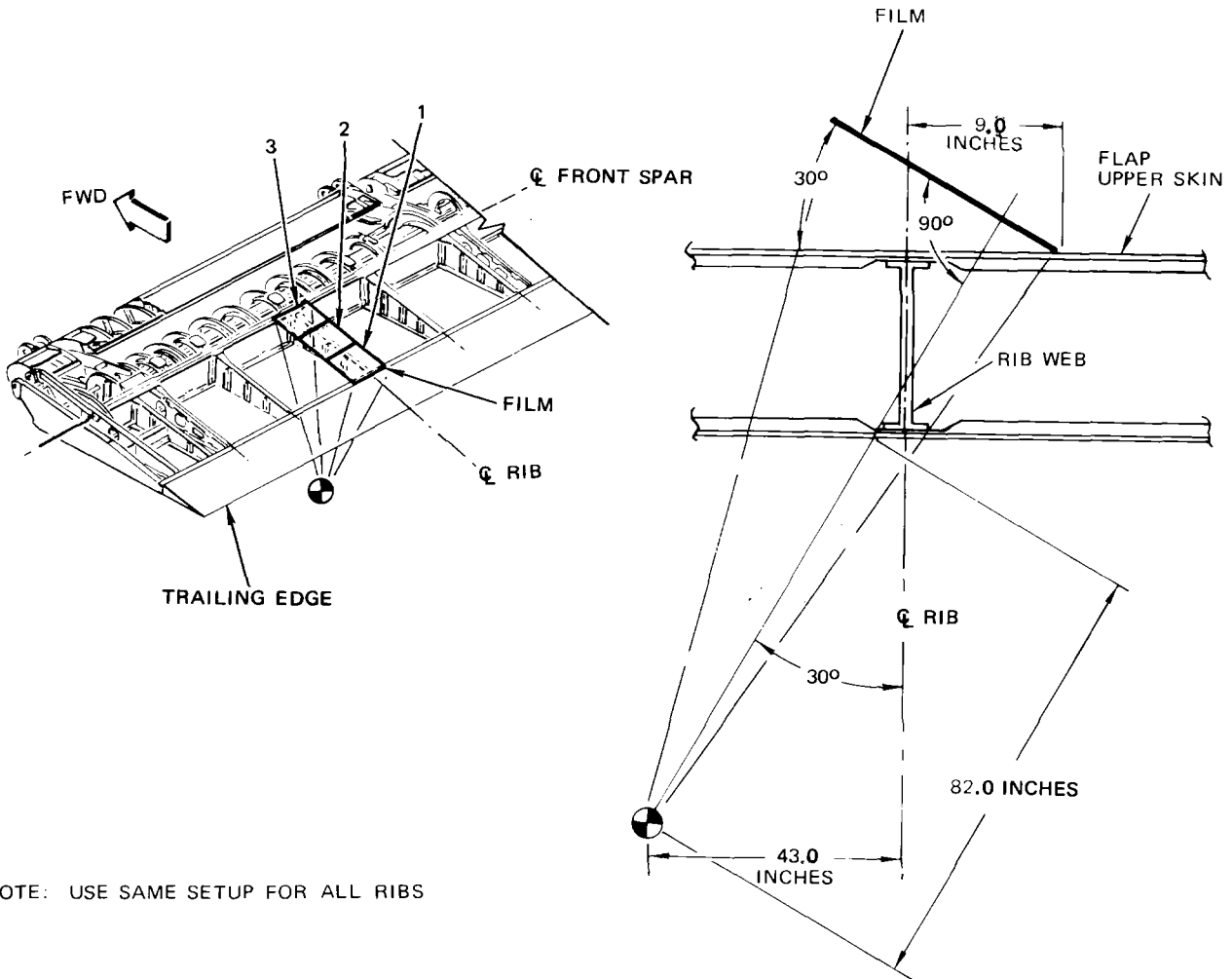
NONDESTRUCTIVE TEST

PART 2 - X-RAY

WINGS - FLIGHT SURFACES

Purpose

To detect cracks in lightening holes in web of rib and adjacent internal structure.



NOTE: USE SAME SETUP FOR ALL RIBS

CROSS SECTION AT RIB (TYP)

EXPOSURE NUMBER	FILM			SFD	GENERATOR SETTINGS	
	POSITION	ASTM CLASS	SIZE		KV	MAS
1 THRU 3	1	I	14 x 17	90	95-105	2700

Main Flap - Internal Structure  
Figure 1

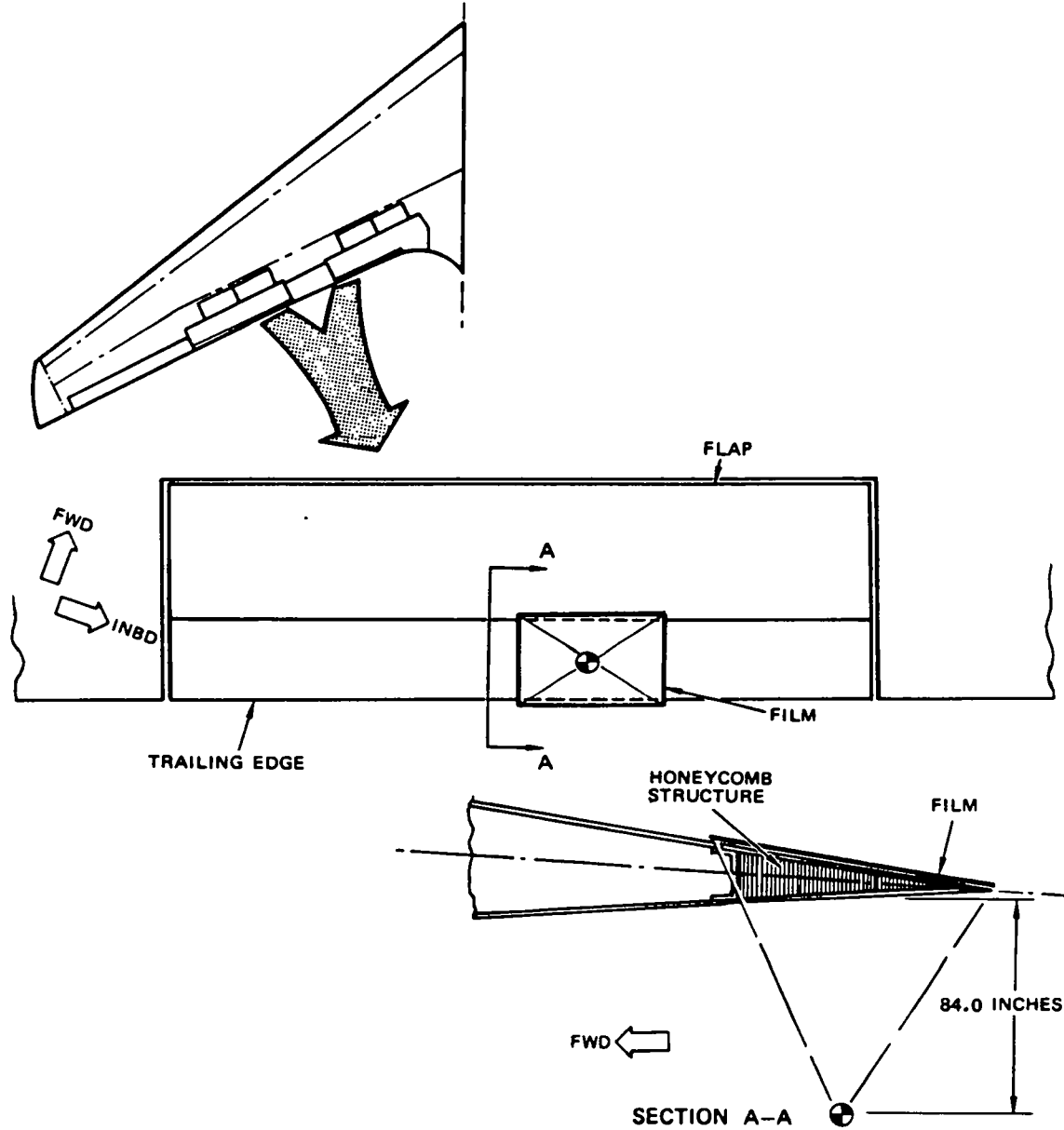
**BOEING**   
**COMMERCIAL JET**  
**NONDESTRUCTIVE TEST**

PART 2 - X-RAY

WINGS

Purpose

To detect moisture in honeycomb trailing edge structure.



EXPOSURE NUMBER	FILM			SFD	GENERATOR SETTINGS	
	POSITION	ASTM CLASS	SIZE		KV	MAS
*[1]	*[1]	III	10 x 14	84	75-85	225

\*[1] AS MANY AS REQUIRED TO COVER TRAILING EDGE

**BOEING**   
**COMMERCIAL JET**  
**NONDESTRUCTIVE TEST**

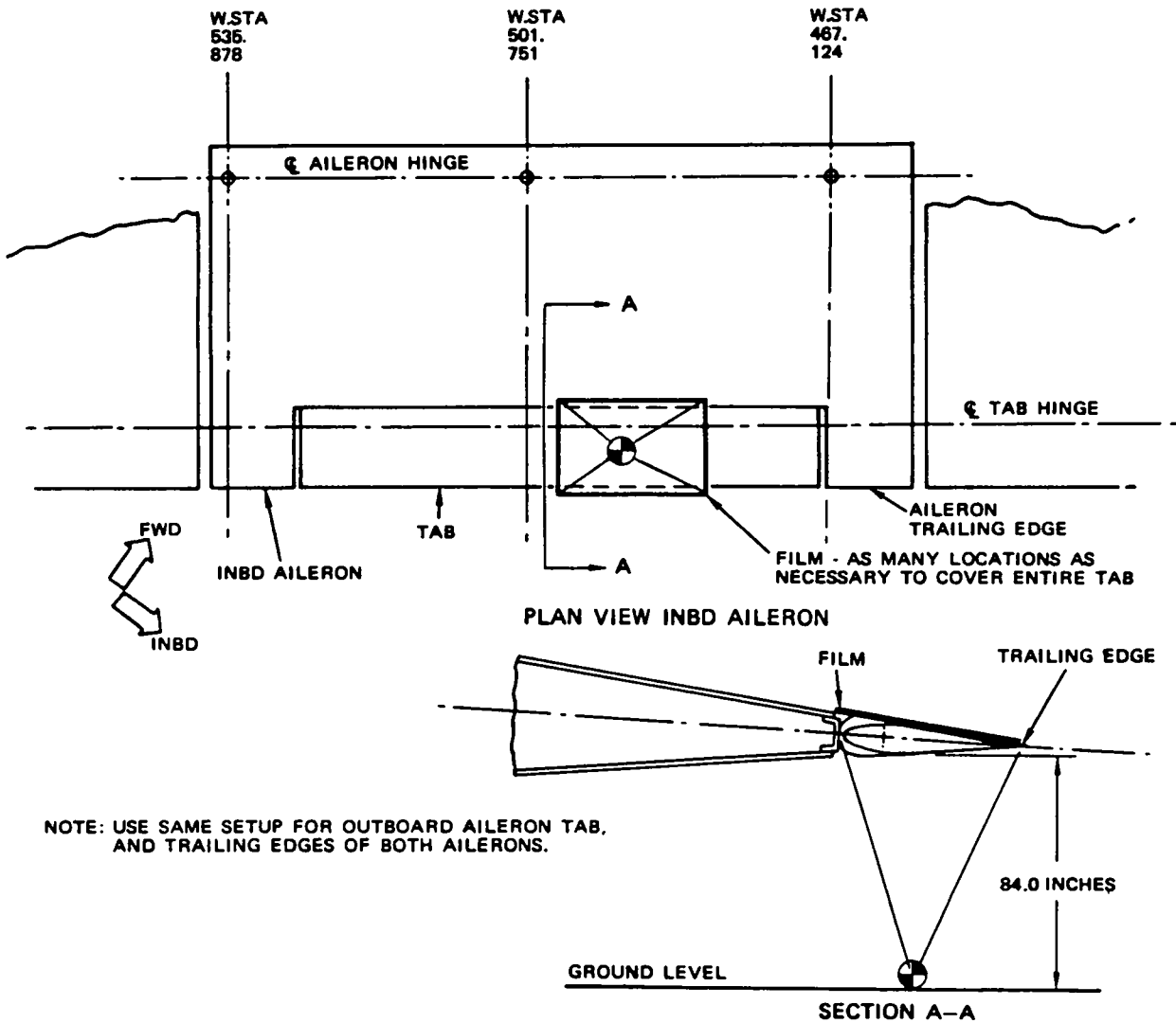
ALL 707-720

PART 2 - X-RAY

WINGS

Purpose

To detect moisture in honeycomb tabs of inboard and outboard ailerons.



EXPOSURE NUMBER	FILM			SFD	GENERATOR SETTINGS	
	POSITION	ASTM CLASS	SIZE		KV	MAS
*[1]	*[1]	III	10 x 14	84	75-85	225

\*[1] AS REQUIRED

Nov 1/78

Aileron Tabs  
Figure 3

Part 2  
57-50-07  
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