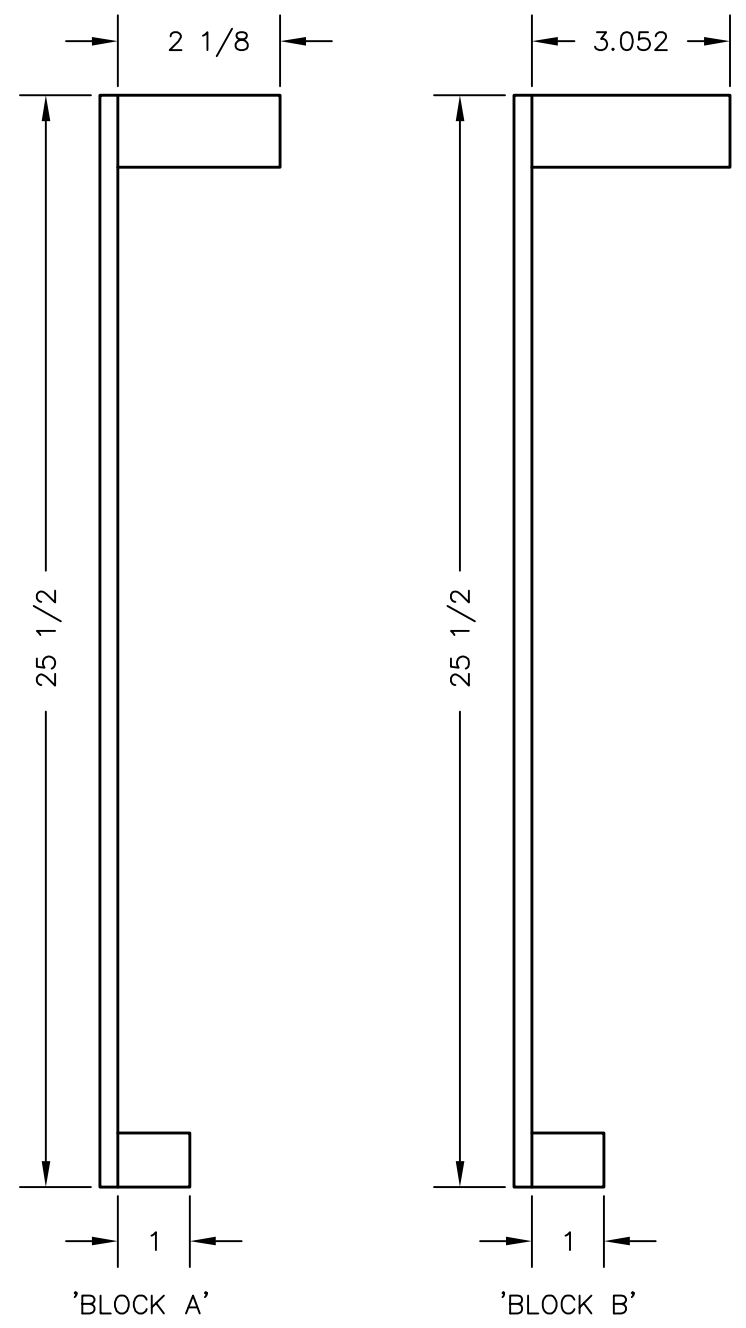
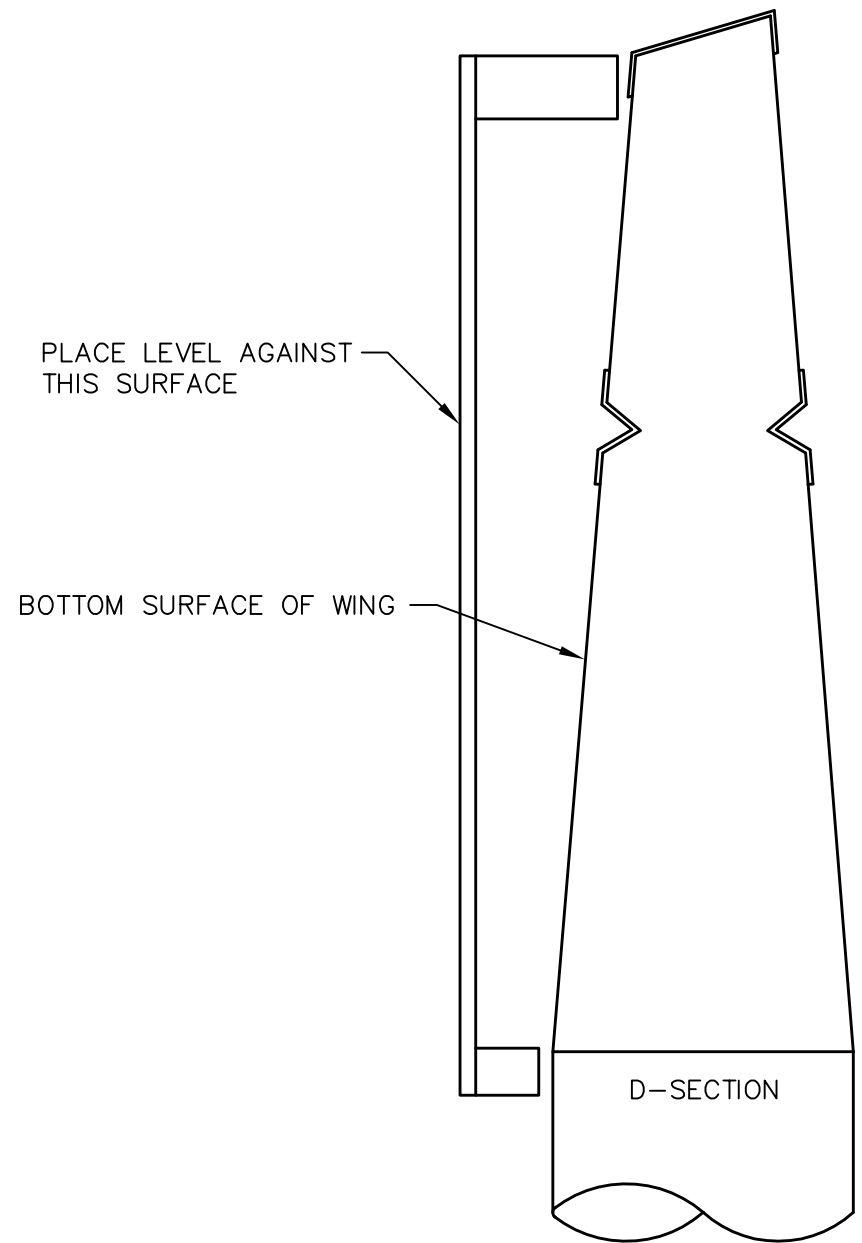
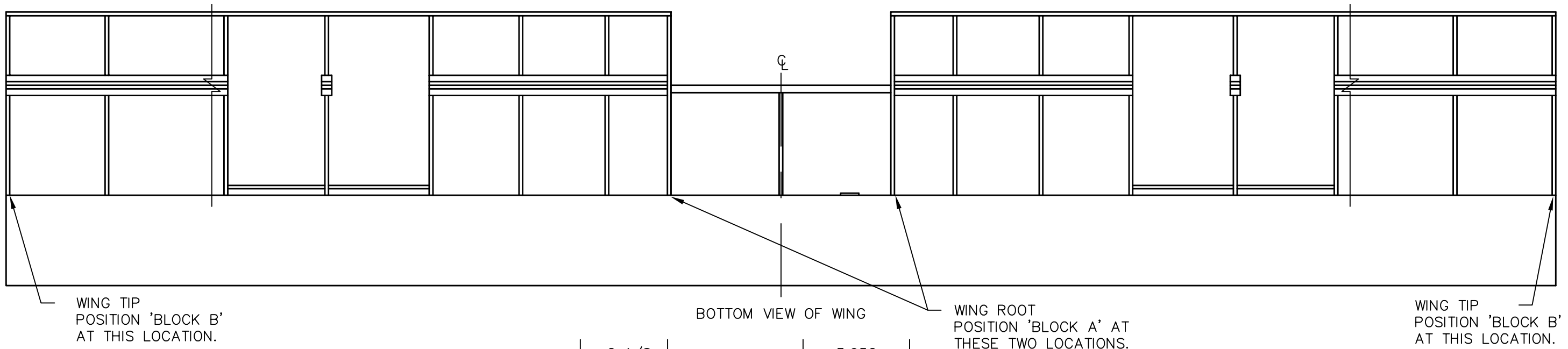


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NOTES:

- WASHOUT IS SET SO WING TIPS HAVE LESS ANGLE OF ATTACK THAN WING ROOTS. THIS IS AN IMPORTANT STEP AND SHOULD BE CHECKED OFTEN THROUGHOUT WING CONSTRUCTION.
- WASHOUT MUST BE FREQUENTLY CHECKED WHILE INSTALLING WING SKINS.

CHECKING WASHOUT:

METHOD ONE:

- BUILD 'BLOCK A' AND 'BLOCK B'.
- LEVEL WING.
- POSITION 'BLOCK A' AT WING ROOT AS SHOWN. PLACE LEVEL AGAINST THE BLOCK AND ADJUST RIBS TO OBTAIN A VERTICAL READING.
- POSITION 'BLOCK B' AT WING TIP AS SHOWN. PLACE LEVEL AGAINST THE BLOCK AND ADJUST RIBS TO OBTAIN A VERTICAL READING.
- WASHOUT: 2.1° ±.3°
- WING TIPS MUST BE WITHIN ±.2° OF EACH OTHER.

METHOD TWO:

- BUILD ONLY 'BLOCK A'.
- ATTACH ELECTRONIC LEVEL TO THE BLOCK.
- POSITION BLOCK AT WING ROOT AND SET LEVEL TO 0°.
- POSITION BLOCK AT WING TIPS. THE LEVEL SHOULD READ 2.1°, IF NOT, ADJUST RIBS UNTIL A READING OF 2.1° IS REACHED.
- WASHOUT: 2.1° ±.3°
- WING TIPS MUST BE WITHIN ±.2° OF EACH OTHER.

TITAN AIRCRAFT SUPPLY
 1419 STATE ROUTE 45 SOUTH
 AUSTINBURG, OHIO 44010

DRAWN K. LIPLIN		DATE 6/12/01	DETAIL NAME SETTING WING WASHOUT	
CHECKED G. TRUEX		DATE 6/13/01	SCALE N/A	PART NO.
APPROVED B. PASSAFIUME		DATE 8/8/01	ASSEMBLY NAME TORNADO S	
			PART NO.	DRAWING NO.
			DRAWING NO. B 01-INS-1249-A	