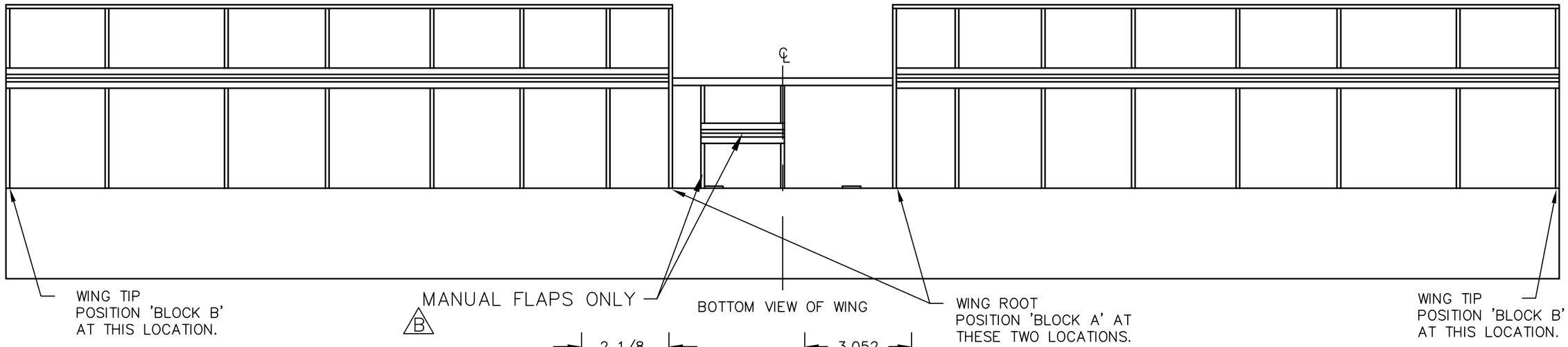

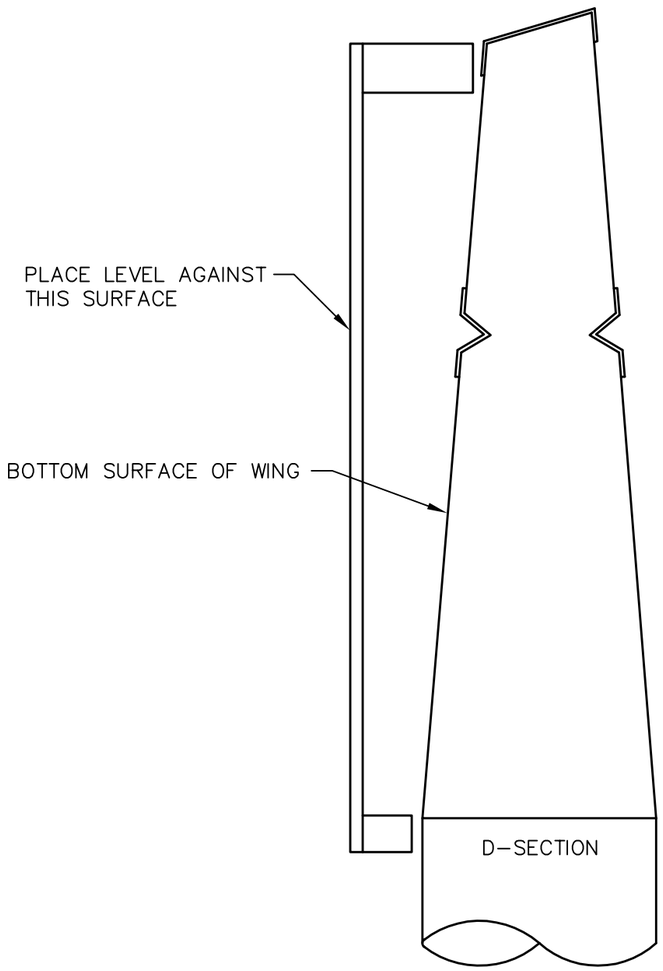

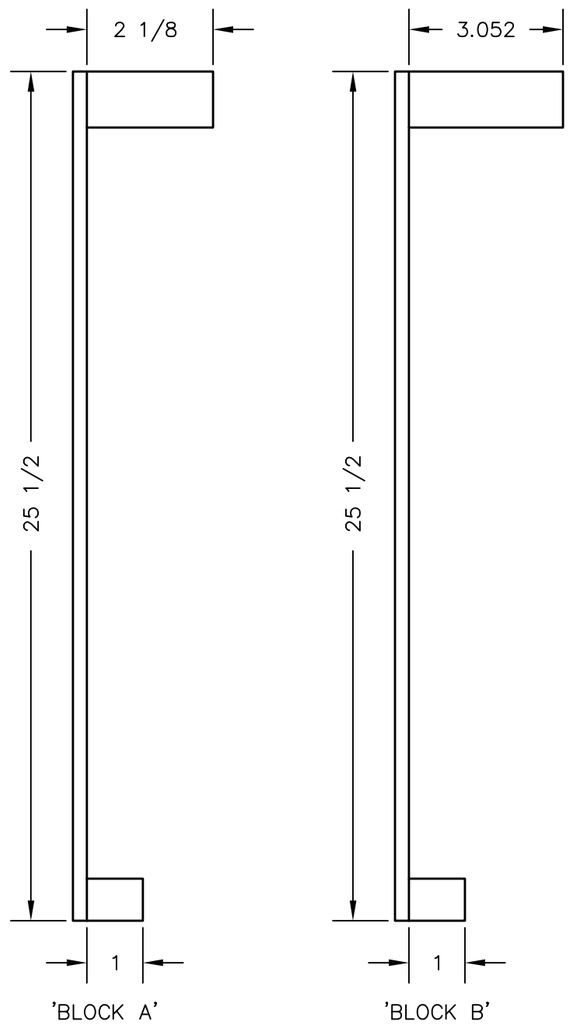

NOTES:
- WASHOUT IS SET SO WING TIPS HAVE LESS ANGLE OF ATTACK THAN WING ROOTS. THIS IS AN IMPORTANT STEP AND SHOULD BE CHECKED OFTEN THROUGHOUT WING CONSTRUCTION.
- WASHOUT MUST BE FREQUENTLY CHECKED WHILE INSTALLING WING SKINS.

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

DETAIL NAME	SETTING WING WASHOUT		
SCALE N/A	PART NO.		
ASSEMBLY NAME	23 1/2 FOOT WING		
PART NO.		DRAWING NO.	
DRAWING NO.	B 92–INS–0329–B		

DRAWN	J. PRESTON	DATE	12/22/92
CHECKED	GAT	DATE	10/4/05
APPROVED	JW	DATE	10/5/05

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