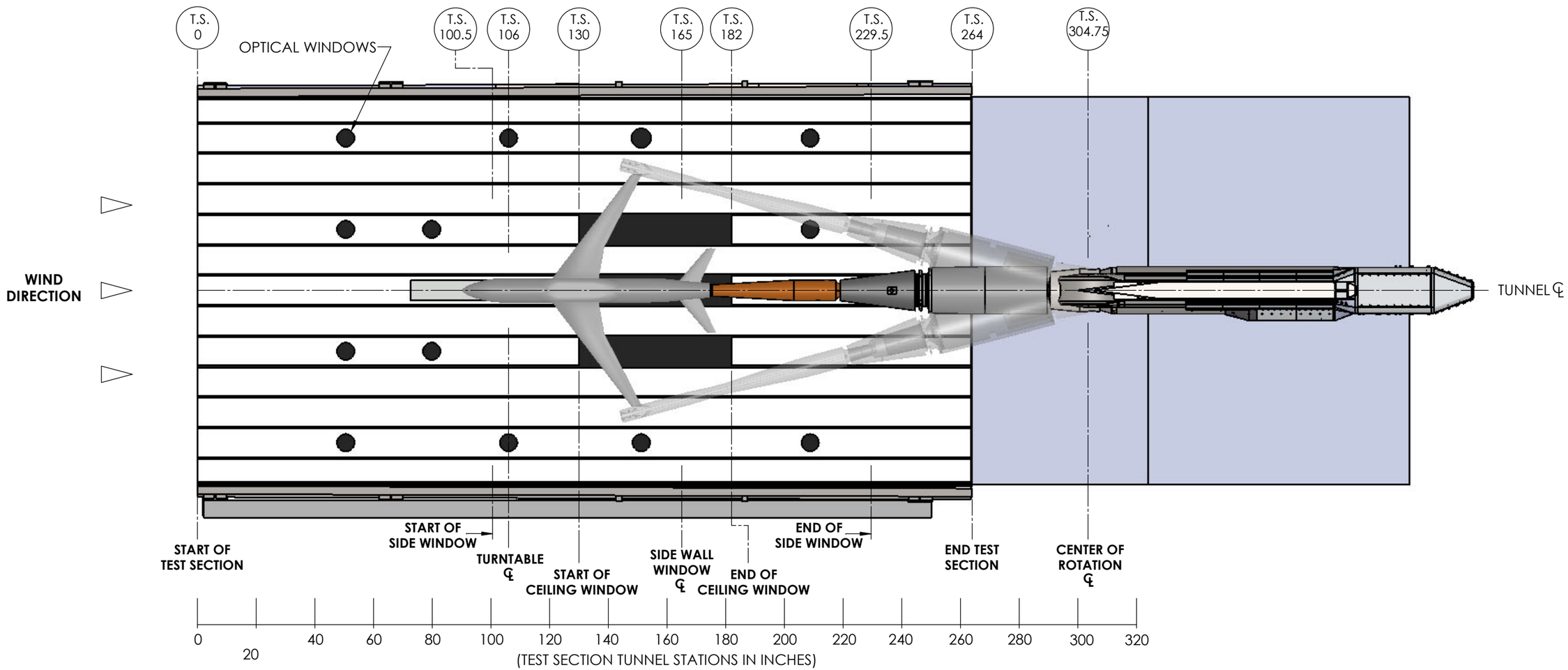
NOTES:

1. EACH SIDEWALL DIVERGES 0.0031" PER INCH BETWEEN T.S. 0 & T.S. 264. (REF. DWG. 327A-5201-M60).
2. MODEL SIZING CRITERIA DEFINED IN NASA AMES UNITARY PLAN WIND TUNNEL BLOCKAGE RECOMMENDATIONS DOCUMENT
3. SHADOWGRAPH VIEWING AREA 48" DIA FROM T.S. 105.5 TO T.S. 229.5.



11' TRANSONIC WIND TUNNEL - TEST SECTION CEILING VIEW

(INSIDE TEST SECTION LOOKING UP)

MODEL, CHECK STANDARD STING, 0° PRIMARY & LMRM SHOWN INSTALLED

SMSS MAXIMUM LOAD LIMITS

VERTICAL LOAD	8000 lbf
LATERAL LOAD	4000 lbf
AXIAL LOAD	3000 lbf
MOMENT	800,000 in-lbf

		UNLESS OTHERWISE NOTED ALL DIMENSIONS IN INCHES	DRAWN: SHAWN DURÁN	DATE 2-20-2020
		TOLERANCES ANGLES ± 0°30' FRACTIONS ±1/64 DEC .X±1/32, .XX±.015, .XXX±.005	DESIGNED: -	DATE -
		DIAMETER ON SAME AXIS CONCENTRIC TO .002 T.I.R.	CHECKED: -	DATE -
		BREAK SHARP CORNERS	PROJ. MGR.: -	DATE -
		ALL DIMENSIONS AND TOLERANCES APPLY AFTER SURFACE TREATMENT	REQUESTOR: -	DATE -
NO.	NEXT ASSY	ALL MACHINED SURFACES TO BE 63 ✓ EXCEPT WHERE NOTED	R&QA: -	DATE -
APPLICATIONS			SAFETY: -	DATE -
			SUPERVISOR: -	DATE -

Ames Research Center
Moffett Field, California 94035

UNITARY PLAN WIND TUNNEL
11' TWT
TEST SECTION
CEILING VIEW

SIZE	CAGE CODE		REV.
D	25307	A 327-1910-XXXX	-
SCALE: NTS		INDEX DATE: 2/13/2020	SHEET 1 OF 1

FILENAME: 11' Test Section Ceiling