INSPECTION RECORD — COMPLETE IN INK, RETAIN WITH THE INSTRUMENT

GATE	CHARACTERISTIC	SPECIFIED	METHOD	MEASURED	ACC
G1	Pad coplanarity	0.05 mm	Surface plate + DTI		
G1	Cell thickness	12.0 ±0.05	Micrometer, 4 places		
G2	Mirror radial clearance	0.5 – 1.0 mm	Feeler, 6 positions		
G3	Axial clip standoff	0.30 +0.2/−0.0 proud	Shim + tap test		
G4	Secondary offset	5.0 ±0.3 mm	Depth gauge from hub		
G4	Vane coplanarity	0.3 mm	Straight edge		
G5	Focuser squareness	≤0.10°	DTI sweep on drawtube		
G5	Board seat contact	no rock, 100 % seat	Engineer's blue		
G6	Collimation	focal pt ≤1.41 mm off axis	Cheshire + laser		
G7	Corrector spacing	corner HFR ≤110 % centre	Star field measure		
G8	Sensor tilt	≤20 µm across diagonal	Corner HFR compare		
G9	First light star shape	round to the corners	Eta Car / Omega Cen		

COMMISSIONING

1. NO GATE MAY BE SIGNED FROM A CALCULATION. EVERY ROW IS A MEASUREMENT.
2. G6 THROUGH G9 ARE PERFORMED UNDER SKY AND WILL TAKE SEVERAL SESSIONS AT f/4.
3. IF G7 FAILS, SHIM THE CORRECTOR IN 0.5 STEPS. TANGENTIAL FLARE = TOO SHORT, RADIAL FLARE = TOO LONG. THE DIRECTION TELLS YOU WHICH WAY TO GO.
4. IF TWO OPPOSITE CORNERS ARE SOFT AND TWO SHARP, THAT IS TILT (G8), NOT SPACING (G7). DO NOT CHASE IT WITH SPACERS.
5. RETAIN THIS SHEET. IT IS THE INSTRUMENT'S BIRTH CERTIFICATE.

REVISION HISTORY

REV	DESCRIPTION	DATE
A	First issue for manufacture	2026-08-16

FLOWMATIC · ASTROGRAPH PROGRAMME
200 mm f/4 NEWTONIAN ASTROGRAPH · CANBERRA ACT 35.28°S

INSPECTION AND COMMISSIONING RECORD

DRAWING NUMBER	REVISION	SHEET
FM-AST-P06	**A**	**6 OF 6**
SCALE	MATERIAL	MASS
NTS	**—**	**—**
PROJECTION	FINISH	UNITS
FIRST ANGLE (ISO 128)	**—**	**MILLIMETRES**

GENERAL TOL ISO 2768-mK UNLESS STATED · DO NOT SCALE
DRAWN NaXief's Claude CHECKED SELF-CHECK + VISUAL JUDGE, SEE SHEET 6 QA GATES
DATE 2026-08-16 STATUS ISSUED FOR MANUFACTURE