THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM

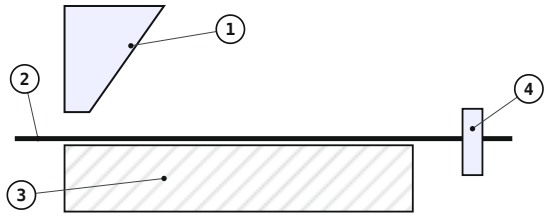
Cutting Sheet: Shear, Snips and a Clean Edge

Shear · snips · edges

REFERENCE DRAWING — NOT APPROVED DATA · THE SRM ALWAYS GOVERNS

SECTION A

SQUARING SHEAR



SNIPS

COLOUR OF THE HANDLE, DIRECTION OF THE CUT

	YELLOW	CUTS STRAIGHT
	GREEN	CURVES RIGHT
	RED	CURVES LEFT

STRAIGHT SNIPS: UP TO 1/16 IN ALUMINIUM, STRAIGHTS AND LARGE CURVES

PARTS LIST

#	PART	RULE	SOURCE
1	Moving blade	Foot or powered; keep hands clear; hydraulic models use remote pedals	H-8083-31B p. 4-9
2	Cutting line	Even with the cutting edge of the bed	p. 4-9
3	Bed and scale	Graduated in fractions of an inch	p. 4-9
4	Fence or backstop	Fence for squaring; backstop for several pieces the same size	p. 4-9
—	Curves	Aviation snips for holes, arcs, round patches and doublers	p. 4-13
—	After any cut	File or burr the edge; no nicks left; see deburring	AC 43.13-1B par. 4-55

NOTES

1. Dimensions in inches. Do not scale: the SRM sets the values.
2. For reference. The applicable manual always governs.
3. Based on FAA-H-8083-31B ch. 4.

REVISIONS

REV	DESCRIPTION	DATE
A	First issue	2026-10-30

The Aviation Point. Structural repair reference

TITLE			
Cutting sheet			
DRAWING NO.	REV	SCALE	SHEET
TAP-DWG-059	A	NTS	1 OF 1
APPLIES TO			
Flat sheet			

DO NOT SCALE DRAWING

After FAA-H-8083-31B pp. 4-9, 4-12, 4-13 (Figs. 4-23, 4-35). Typical only.

Which snips

Handle	Cuts
Yellow	Straight
Green	Curves right
Red	Curves left

Key points

- **Edge finished** or the job is not done.

Step by step

1. Mark.
2. Tool.
3. Line up.
4. Cut.
5. File or burr.

SOURCES · FAA-H-8083-31B, Aviation Maintenance Technician Handbook: Airframe, Chapter 4 · FAA AC 43.13-1B CHG 1, Acceptable Methods, Techniques and Practices

SCAN · OPEN THIS GUIDE
theaviationpoint.com/standard-practices/cutting-sheet/

Educational reference only, not approved data. Always consult the applicable SRM, AMM, or AC 43.13-1B and your certifying authority.

THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM