

Materials List for:

Experimental Investigation of the Flow Structure over a Delta Wing Via Flow Visualization Methods

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URL: <https://www.jove.com/video/57244>

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Materials

Name	Company	Catalog Number	Comments
532 nm Nd:YAG laser	Quantel Laser	Evergreen 600mJ	
High speed camera	Dantec Dynamic	HiSense 4M	
camera lens	Tamron	SP AF180mm F/3.5 Di	
PIV recording and processing software	Dantec Dynamic	DynamicStudio	
cylindrical lens	Newport		Φ=12 mm
convex lens	Newport		f=700 mm
neutral density filter	Newport		
Calibration target			custom made
aerosol generator	TSI	TSI 9307-6	
PULSE GENERATOR	Berkeley Nucleonics Corp	BNC 575	
continuous laser		APGL-FN-532-1W	
Digital camera	Nikon	Nikon D5200	
Image processing	Matlab		custom code
wind tunnel support			custom made
laser level	BOSCH	GLL3-15X	
angle meter	BOSCH	GAM220	