

LSO POSTSHOT Checklist S-AB-P-102 Rev A

POSTSHOT Checklist:

In the event of laser shot ABORT, return all systems to shot readiness and report the status of Laser Sources to the SD.

- 1 Else:
- Unlock the device control on balign and insert the Laser Sources periscope beam block into each beam.

Review the laser diagnostic reports and compare shot data to the predicted values.

Characteristic/BL	BL1	BL2	BL3	BL4
LS output energy	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA
Pulse width/shape	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA
Timing	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA
2 Pre-pulse contrast	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA
Bandwidth	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> NA	<input type="checkbox"/> NA
Spatial Profile	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA	<input type="checkbox"/> OK <input type="checkbox"/> NA

Report any issues to the Shot Director and receive instruction on how to proceed.

Record any issues in the e-log

(continues)

Vol. VIII System Shot Operations Manual
Chapter 2 Laser Sources Operating Procedures



3 Evaluate system timing.

4 Discuss any issues with SD (and PI as required).

(end of procedure)

Document Release:

S-AB-P-102 LSOPOSTSHOT Checklist

This document is a component of Vol. VIII OMEGA EP System Shot Operations Manual, Chapter 2, Laser Sources Operating Procedures, S-AB-P-005.

Approval for release of this document into the PDM system was granted by:

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