

2021 NWCG Standards for Aerial Ignition, PMS 501, Summary of Changes

<u>Chapter</u>	<u>Change Summary</u>
<u>02 Aerial Ignition Position Qualifications</u>	<ul style="list-style-type: none">• Updated all hyperlinks for the Federal Wildland Fire Qualifications Supplement.• Removed recommendation that courses be documented on the Interagency Aviation Training website.• Added DOI agency specific training consist of A-310 CRM (Crew Resource Management).• Added USFS agency specific training consist of S-270 Basic Air Operations and CRM 7 Skill training (recommended previously: qualified or previously qualified as HECM).• Changed all references of IHOG to NSHO (NWCG Standards for Helicopter Operations).• Changed all references of IAIG/SAI to NSAI (NWCG Standards for Aerial Ignition).• Updated pilot aerial ignition mission prerequisites.
<u>03 Plastic Sphere Dispenser Operations</u>	<ul style="list-style-type: none">• Removed all references to 40 B: C rated fire extinguisher. Added NSHO reference, Chapter 9 for fire extinguisher requirements.• Clarified PSD operator position. Added: Having both feet out the door at the same time is prohibited.
<u>Continuing 03 Plastic Sphere Dispenser Operations</u>	<ul style="list-style-type: none">• Reworded all references to fire shelter location. Replaced with: Fire shelters for each occupant must be secured in the cabin of the aircraft and in a singular identified location.• Added language regarding pre-mission requirements, such as PASP, environmental concerns, weather, fire behavior, aircraft limitation, weight, and balance calculations.• Update hyperlink for Premo Mark III.• Added clarification on terminology and difference between "fall arrest" and "fall restraint."• Added clarifying language to differentiate between PSD and Raindance procedures.• Added emergency procedures for Raindance system.• Added section for Slung Plastic Sphere Dispensers – Sling Dragon. Section includes description and dispenser function, safety considerations, qualifications and personnel responsibilities, and procedures.
<u>04 Helitorch Operations</u>	<ul style="list-style-type: none">• Removed all references to 40 B: C rated fire extinguisher. Added NSHO reference, Chapter 9 for fire extinguisher requirements.• Reworded all references to fire shelter location for clarification. Replaced with: Fire shelters for each occupant must be secured in the cabin of the aircraft and in a singular identified location.
<u>05 Unmanned Aircraft Systems Aerial Ignition (UASAI)</u>	<ul style="list-style-type: none">• Added new chapter for UASAI.• Added UAS Aerial Ignition approval process.• Added hyperlink for Interagency Aerial Fire Unmanned Aircraft System, subcommittee.• Added hyperlink for PMS 515: NWCG Standards for Fire Unmanned Aircraft Systems Operation.
<u>Appendix A: Plastic Sphere Dispenser Operations</u>	<ul style="list-style-type: none">• Minor Edits.
<u>Appendix B: Helitorch Operations</u>	<ul style="list-style-type: none">• Minor Edits.