



USDA Forest Service Fire and Aviation Management



Date August 25, 2008

Topic: FS Fire Engine Standardization Project

Issue: Review of proposed standards

Background: The Fire Vehicle Standardization Committee was established to develop recommendations for fire vehicle standardization policy and develop a series of common models to be used nationally. Efforts to date have included collecting engine and tender data from each region, cleaning the data, collecting any standards a region may have already in-place, collecting training and other policies. The Committee has prepared a draft set of recommendations and shared these with the Fire Directors at their June 2008 meeting.

It is time to circulate the proposed recommendations amongst the regions to obtain comments. The Committee recognizes the timing is not the best but submitting a final package to Fire Leadership in October continues to be the goal.

Action Requested:

Circulate the proposed engine standards, model naming convention and engine identification system amongst your units for comments.

Collect comments at the regional level for consolidation and review. You may engage the assistance of one of the committee members if you desire (roster attached).

Please submit your region's comments to Tory Henderson (thenderson@fs.fed.us) no later than September 26.

Key Points:

- Most common engine types reported from the data submitted were: Type 3, 4 & 6
- Engine Types breakdown under current situation is:
 - 3 Large Engines Models- 46,51,61,62,70,71,80,85
 - 4 Medium Models- 33,41,45,52,54
 - 6 Small (slip-ons) Models- 10,20,42,45,52
- Current data lists 70% 4X4 and 30% 4X2
- Engine Inventory Reported:
 - Type 3 = 369
 - Type 4 = 126
 - Type 6 = 665
 - Total = 1,160
- Database cleanup continues
- Total engine value reported = \$83,789,546
- Proposed Engine Standards include general requirements and general options with specific requirements by engine type

- The recommendation reduces the number of current models down to 6 with a difference in body style for 5 of the models
- Proposed Engine Identification standards establishes using a Unit Designator and Equipment Designator
- Proposed Naming Convention standards include the model type with body style designation
- Will develop an ordering guide that will include specifications, options to select from and visuals
- Implementation of the new standards will be phased in as units replace or acquire new engines

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January 2008

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