**Float Smoke and Flame A/C 3.5 lbs No.2 Mk2**

1. **Brief Description/ Technical Details.**

(a) The Float Smoke and Flame No.2 Mk 2 are devices which are used by the aircrafts/helicopters to indicate the position at sea. When dropped into water from aircraft they emit smoke and spontaneous inflammable vapour which illuminate the surrounding area

(b) The physical characteristics of Float smoke and flame No.2 Mk2 are mentioned below:-

|  |  |  |
| --- | --- | --- |
| **S No** | **Parameters** | **Specified Values** |
| (i) | Length | 17½inches(max) |
| (ii) | Diameter | 3¼inches(max) |
| (iii) | Diameter over tail fins | 3.9inches(max) |
| (iv) | Weight of filling | 14 Ozs |
| (v) | Effective duration of burning | 06 min |
| (vi) | Terminal Velocity | 300 ft/sec |
| (vii) | Height of release | 400 m (max) |

(c) Necessary license for explosive ingredients are required to be obtained by the manufacturers. During development necessary sample are required to be submitted by manufacturer for the fitment, functional trials, QT and ETs etc.

2. **Tentative** **Quantity.** 200/year

3. **Tentative Timeline for Development/ Production**. Two- three years