

TRIAL DIRECTIVES FOR UP-GRADATION KIT FOR AK SERIES WEAPONS
(3 PIECE PICATINNY RAIL)

Introduction

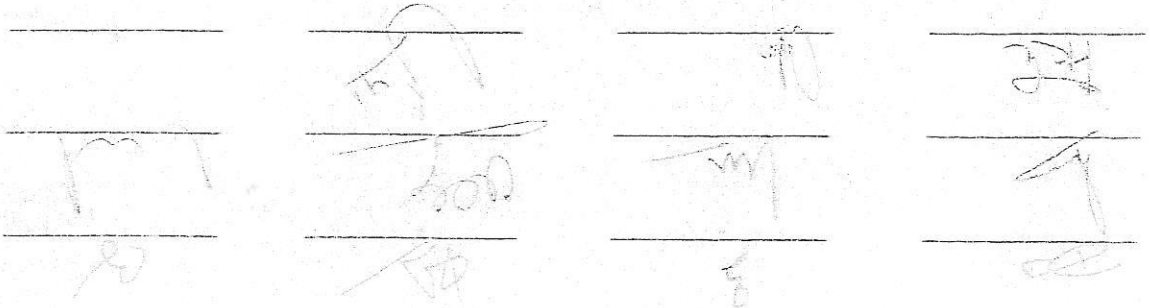
1. The up-gradation kit (3 piece picatinny rail) for AK Series weapon serves as a platform in order to mount a wide array of optical devices and diverse accessories.
2. Keeping the above in view, user trial directive is being formalized to enable evaluation of functional and operational capabilities of the up-gradation kit (3 piece picatinny rail) for AK Series weapon.

Trial Requirements

3. Number of up-gradation kit (3 piece picatinny rail) for AK Series weapon. One sample of up-gradation kit (3 piece picatinny rail) for AK Series Weapon should be provided by each vendor.
4. Technical Literature User Hand Book, maintenance tasks, Procedure for mount/dismount should be made available at the time of trial.
5. Tools, SMT, Gauges. One set of tools should be made available to the Trial Team by the OEM.
6. Aspects to be Evaluated. The rails shall be tested by fixing / attaching the following four standard accessories -

- (a) Easy installation/dissassembling.
- (b) Functional Adequacy
 (Shall be tested with the following Devices
 Passive night Sight
 Reflex sight, Tactical light &
 Telescope

(c) Operational Reliability. After mounting an optical sight on the Picatinny rail, the weapon will be zeroed. The weapon shall then be subjected to rough handling (that is, violent jerks as encountered in jumping with the weapon 10 times) and 100 rounds will be fired. The accuracy of the weapon will again be checked and it will be seen whether the optical sight is still as rigidly attached or not. If the aim is disturbed, it would mean that the optical sight was not mounted rigidly enough on the Picatinny rail.



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**ORS OF UP-GRADATION KIT FOR AK SERIES WEAPONS
(3 PIECE PICATINNY RAIL)**

Ser No.	Parameters	Requirements
1.	Nomenclature	Will Standard 1913 compliant three Piece Picatinny Rail that must fit on AK Series rifles (Type of AK Series rifles to be specified by user). The rail should be able to tightly hold any optical or other accessory mounted on the rail.
2.	Weight	Total weight of all the three rails should not exceed 300 grams.
3.	Length	Max 150mm
4.	Colour	Olive green Sand Black finish mate (to be specified by the user).
5.	Operating temperature range	-40°C to +55°C
6.	Material	The Picatinny rails should be made up of non shiny light metal or metal alloy such as aircraft grade aluminum or any other better metal or alloy that is resistant to rust and corrosion.
7.	Installation and disassembling	Installation and disassembling of the Picatinny rails should be easy.
8.	Engineering Support Package	The manufacturer of the device should provide Engineering Support Package including - (a) Screws & nuts (b) List of Special Tool Equipments

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DG. NSG
(RC Taya)

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