

CONTROL NO.

TOP SECRET RUFF

30 March 1972 25X1

SUBJECT AREA: ECONOMICS

IEG PI NOTICE

DISTRIBUTION: ALL PIs

No. 19-76

TITLE/SIGNIFICANCE: WEATHER MODIFICATION STATIONS: SOVIETS PROVIDE NEW FUNCTIONS FOR POST WWII VINTAGE AA GUNS AND RADARS

COMMENT: A successful weather modification technique used by the Soviets to reduce hail damage inflicted on major economical crops, involves the use of WHIFF and FIRE WHEEL Radars in conjunction with 100MM AA Guns, KS-19. After a hail cloud is detected by radar, the AA guns have 2 minutes in which to fire cartridges containing a crystallizing reagent needed to preclude the arrival of damaging hail. The guns are maintained at centralized locations and only dispatched to their respective firing sites (two guns per site, each covering a radius of 10km) when there is a threat of inclement weather. A station will maintain approximately 13 - 40 AA guns. These weather modification stations have been targetted as AA Training Areas and Army Barracks. To date only six have been identified.

25X1

LOCATION(S)

GISSAR/DUSHANBE VALLEY

25X1

DISCLAIMER — This is an informal communication intended for circulation within NPIC/IEG only. The conclusions are the opinion of the originator at the time of issue. Supporting or contrasting views are welcomed, and should be directed to the originator.

DIVISION WGD

BRANCH CURB

ROOM 3S215

25X11

COPY NO 25X1 400

R FM (7-74) 1327 (E-00)

TOP SECRET RUFF

WARNING NOTICE Sensitive Intelligen 25X1 and Methods In 25X1