NATIONAL GUARD BUREAU
3500 FETCHET AVENUE
JOINT BASE ANDREWS, MD 20762-5157

7 June 2024

MEMORANDUM FOR RECORD

FROM: LT COL DERRICK BURKS

SUBJECT: Black River Systems RFFE Upgrade

1. NINJA is currently the USAF and ANG Program of record for C-sUAS capability. Procurement memos have not defined a single "one fits all" solution for C-sUAS capability due to the various mission sets and variety or threats. Autonomy for MAJCOMs was allowed in vetting which equipment worked for which mission. HAF and NINJA concurred that NINJA was the best for domestic C-sUAS operations in the protection of airbases.

2. An updated RFFE (Radio Frequency Front End) is required for the NINJA system with the legacy RFFE model being outdated due to supply chain issues (which affects our warranty/maintenance contract) and reduced engagement capability compared to the new model. Black River Systems is the only company that manufactures this device for the NINJA system.

3. NGB/A4S identified the RFFE shortfall and has funded the replacement equipment by sending funds to the respective Wings specifically for procurement of this RFFE device. If you have any further questions, please contact me at derrick.burks.3@us.af.mil.

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Derrick Burks, Lt Col, USAF
Chief, Defensive Base Operations, NGB/A4S

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