

# AIR TRAINING COMMAND

Computer Systems Department

# **CIRCUITS & DIAGRAMS**

OPERATOR TASK ANALYSIS

NOVEMBER 1969

30ZR0124-4 C194-BUIC-CD

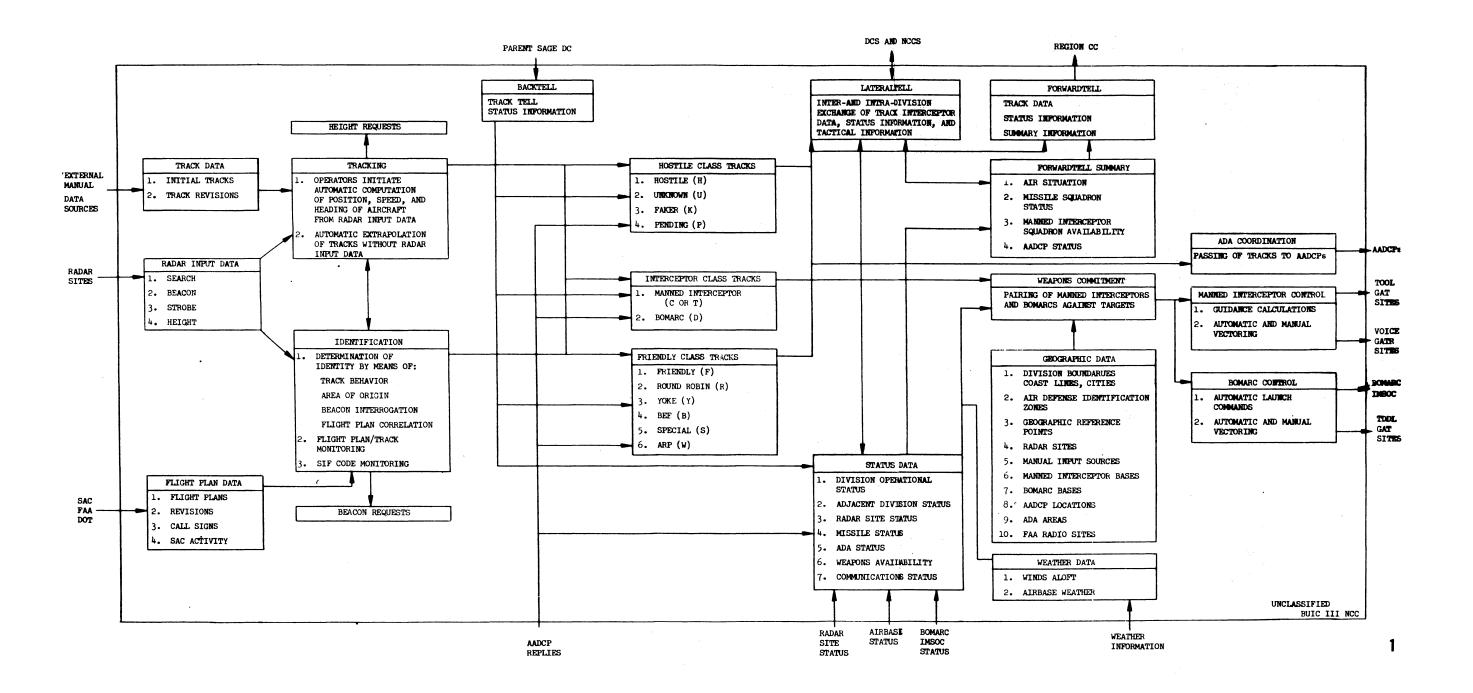
**KEESLER AFB, MISS** 

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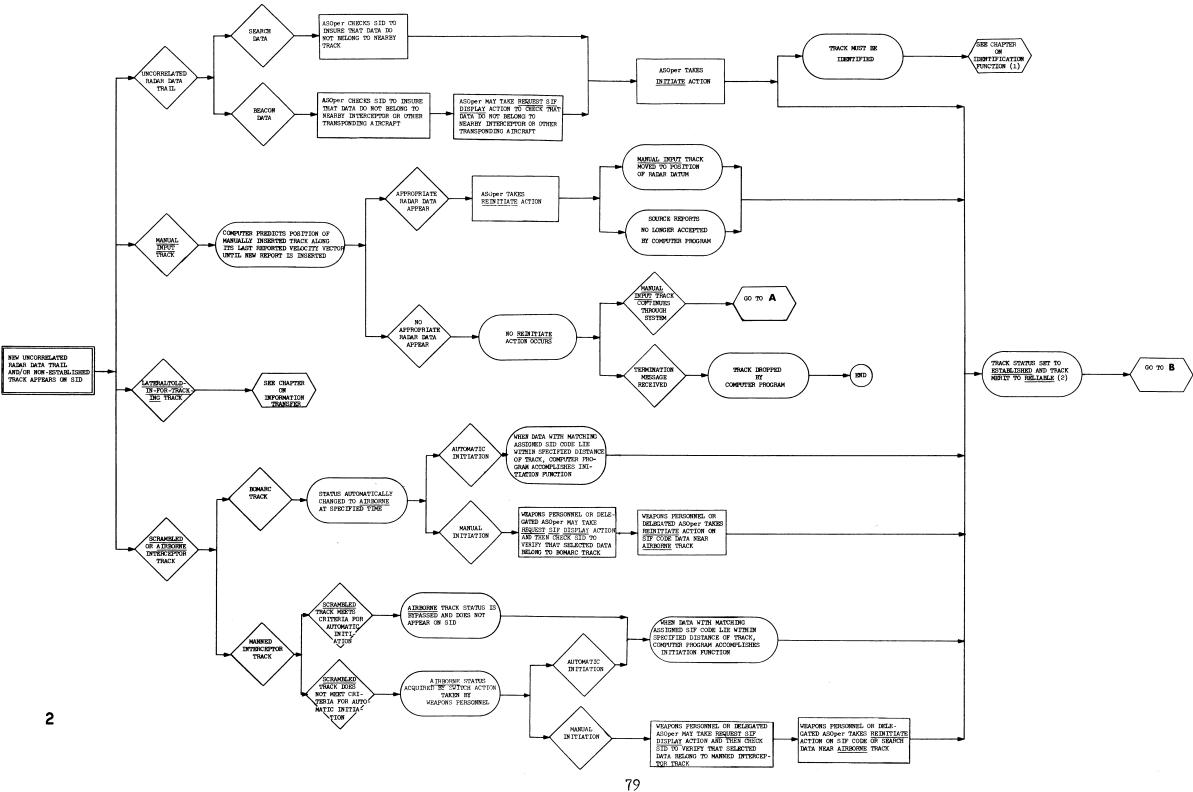
COMPUTER SYSTEMS DEPARTMENT KEESLER TTC, MISSISSIPPI CIRCUITS AND DIAGRAMS
Course 30ZR0124-4
November 1969

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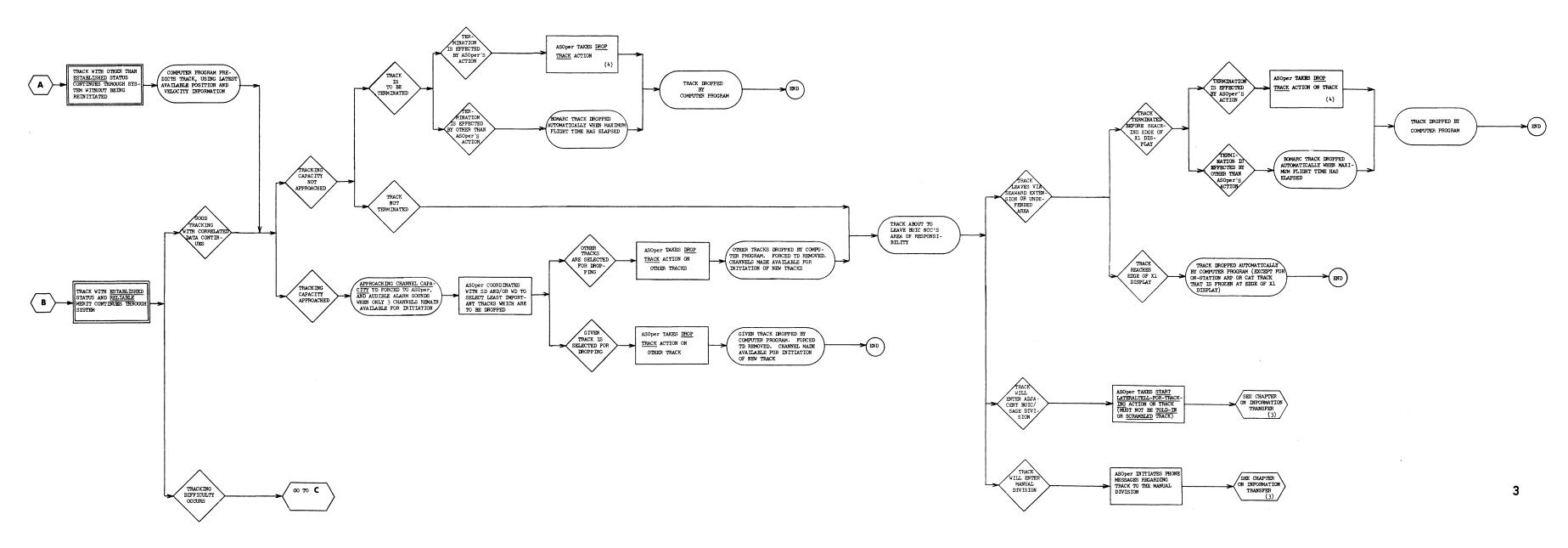
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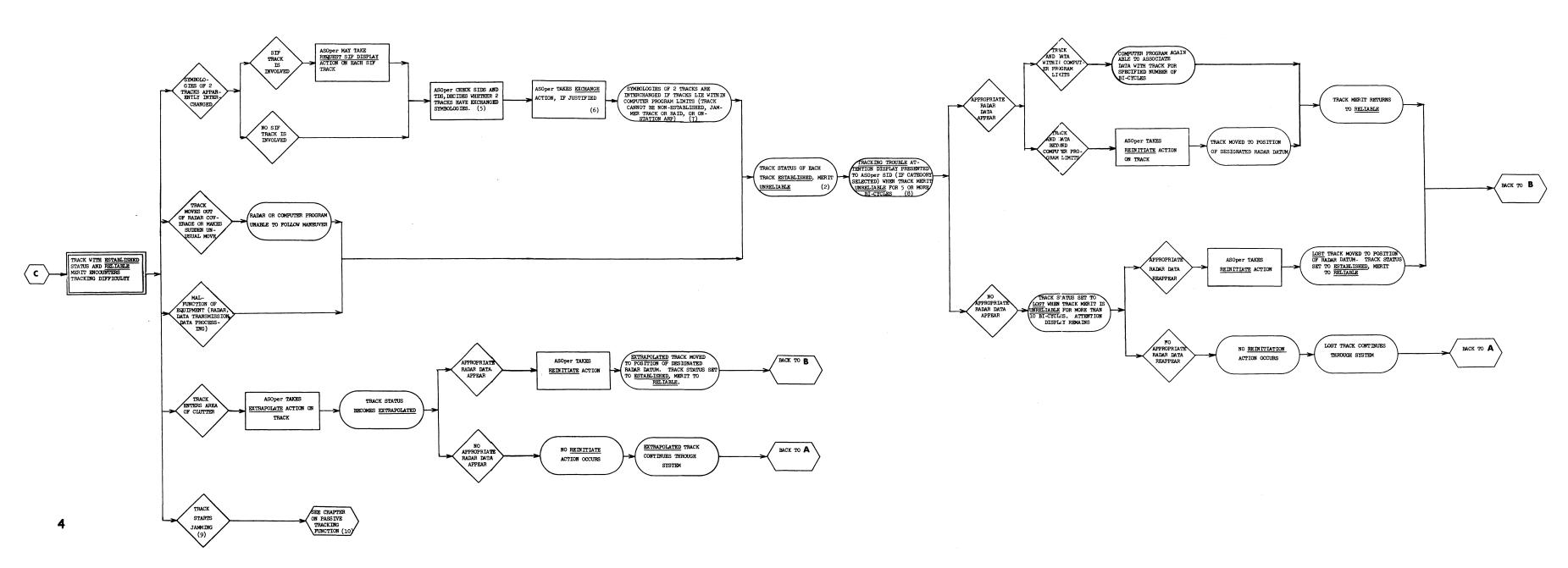
#### BUIC III ACTIVE TRACKING FUNCTION



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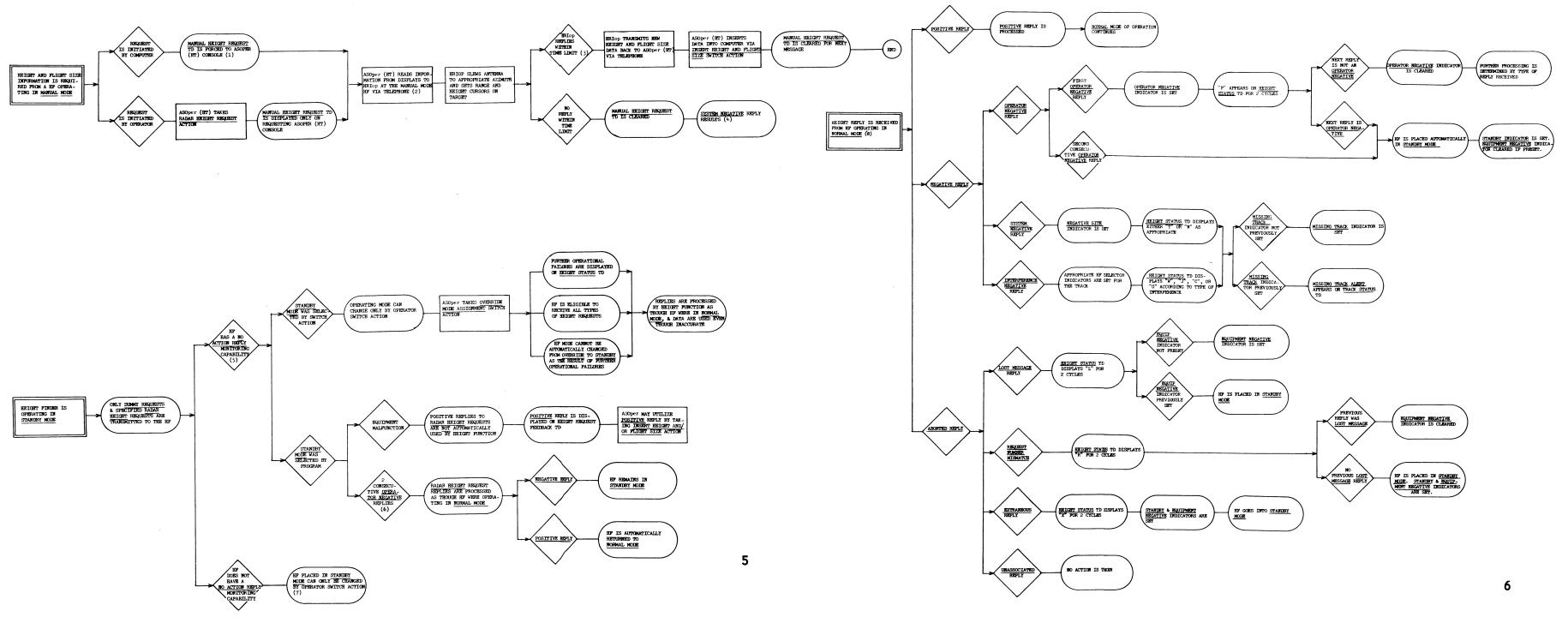


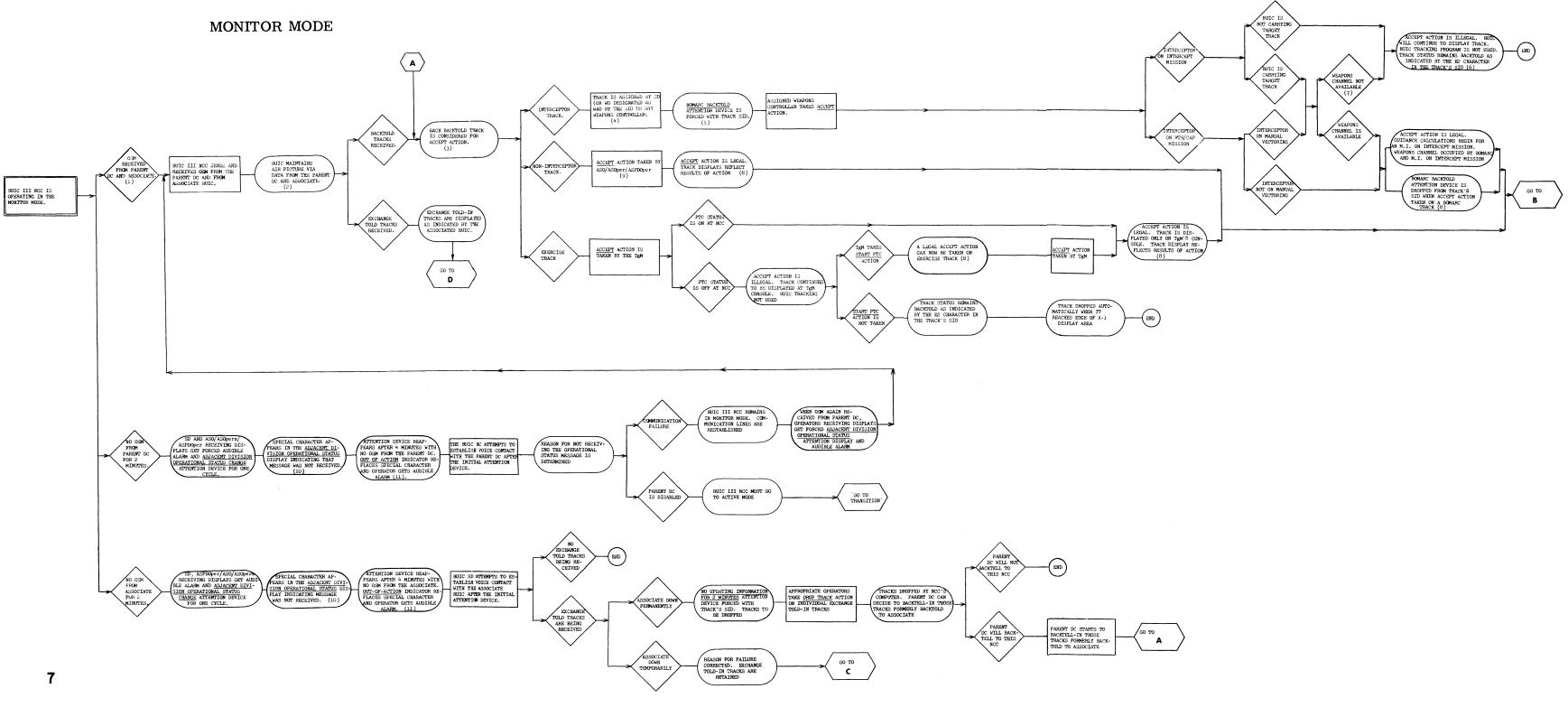
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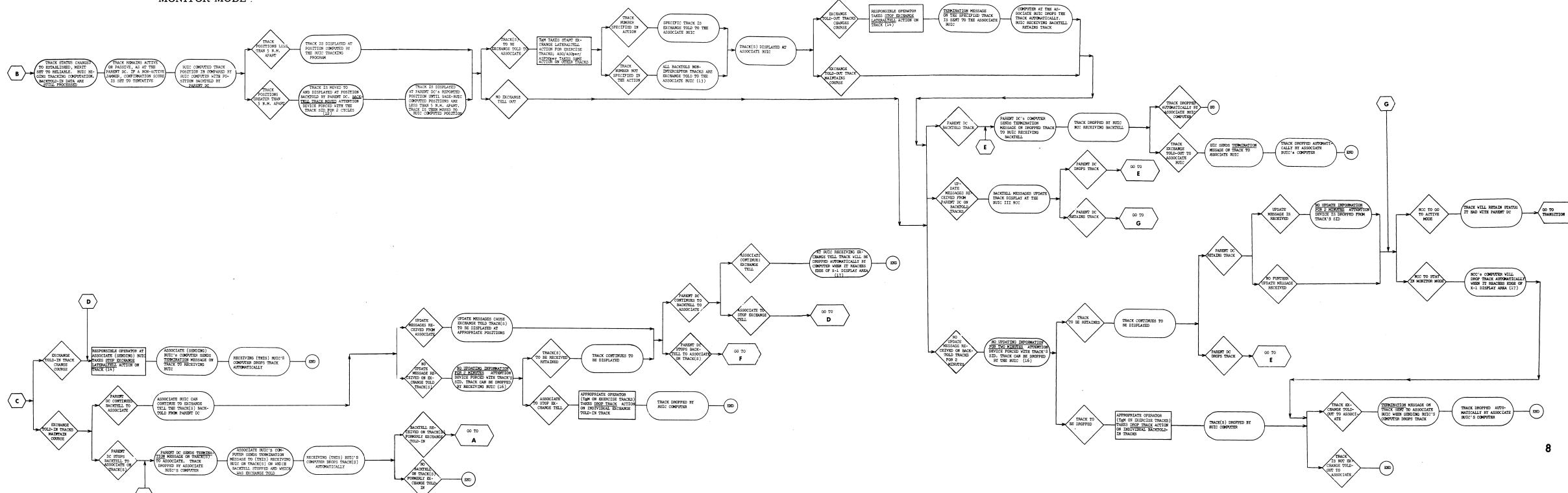
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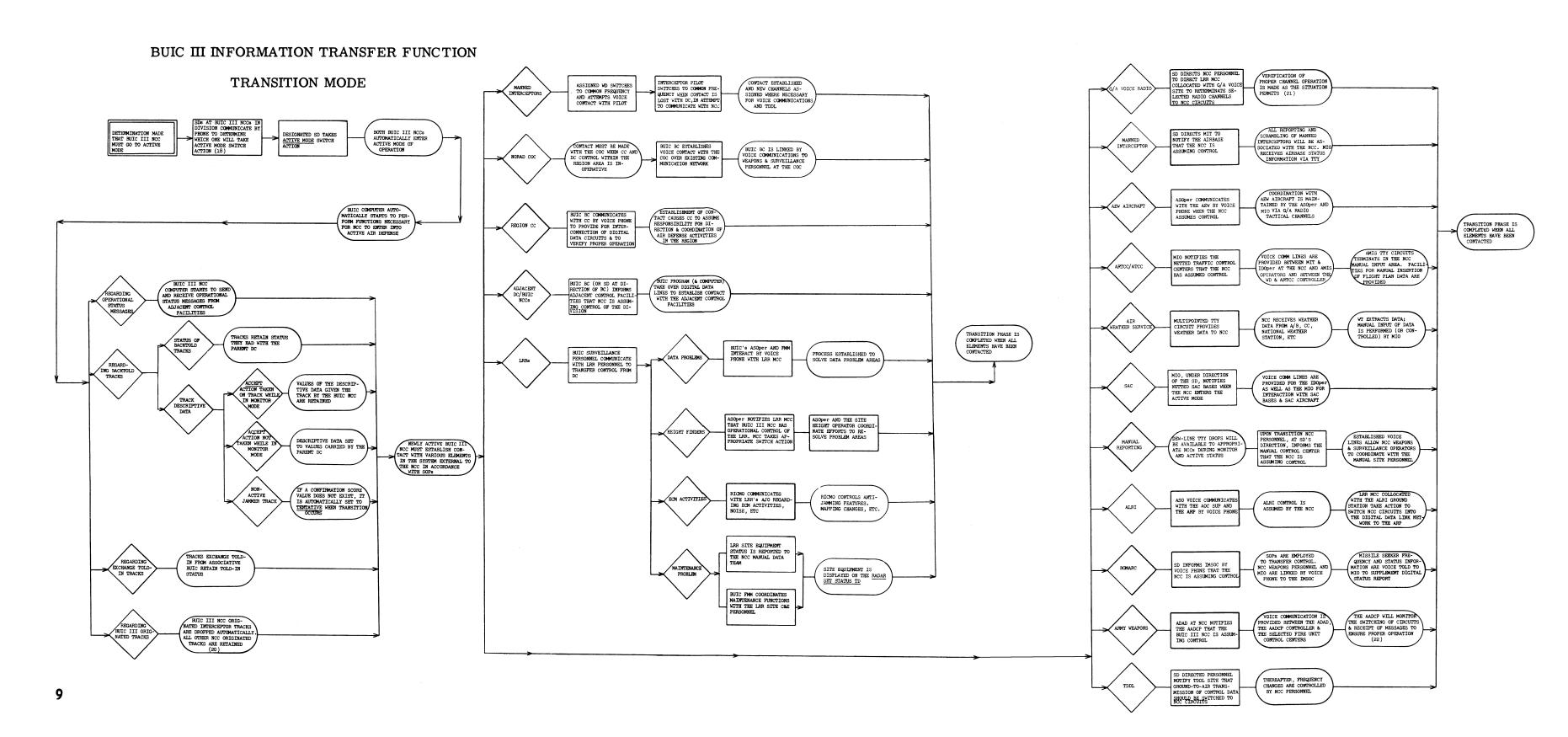
#### BUIC III HEIGHT FUNCTION



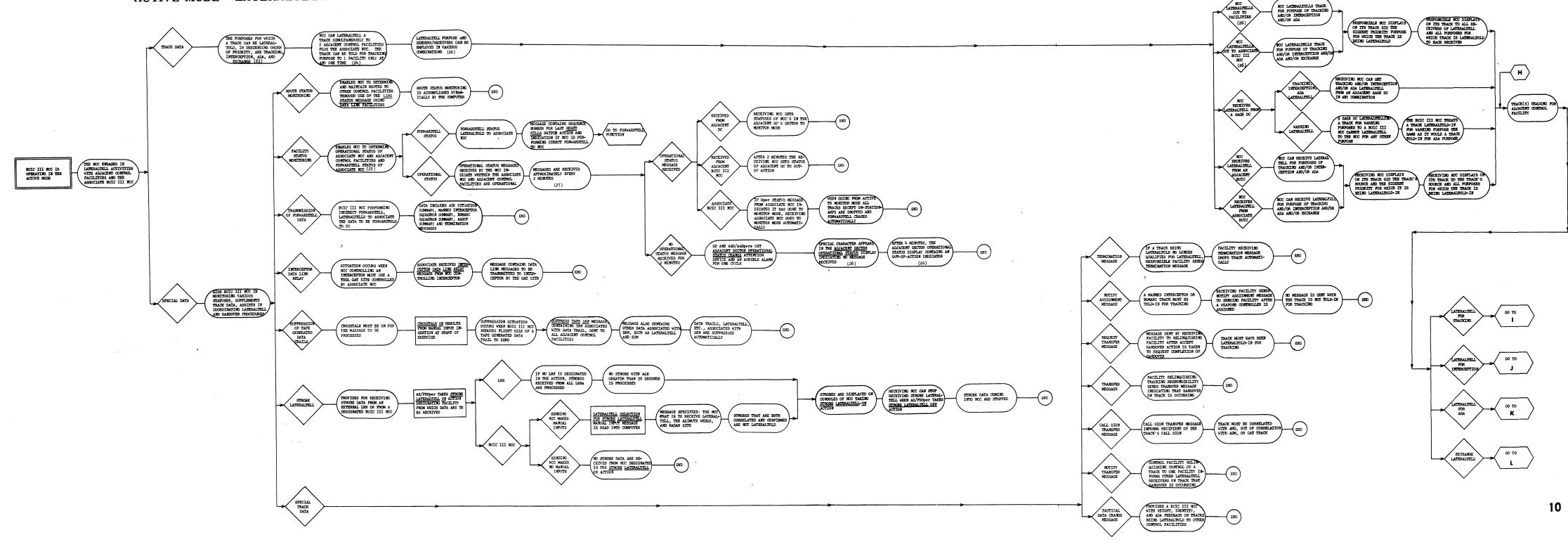


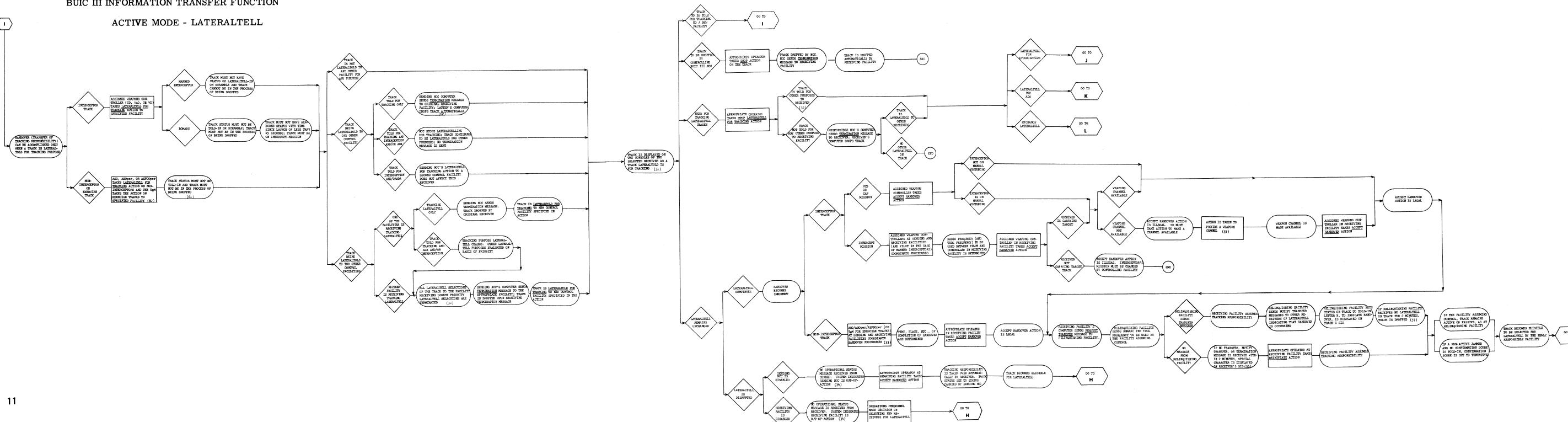
# MONITOR MODE



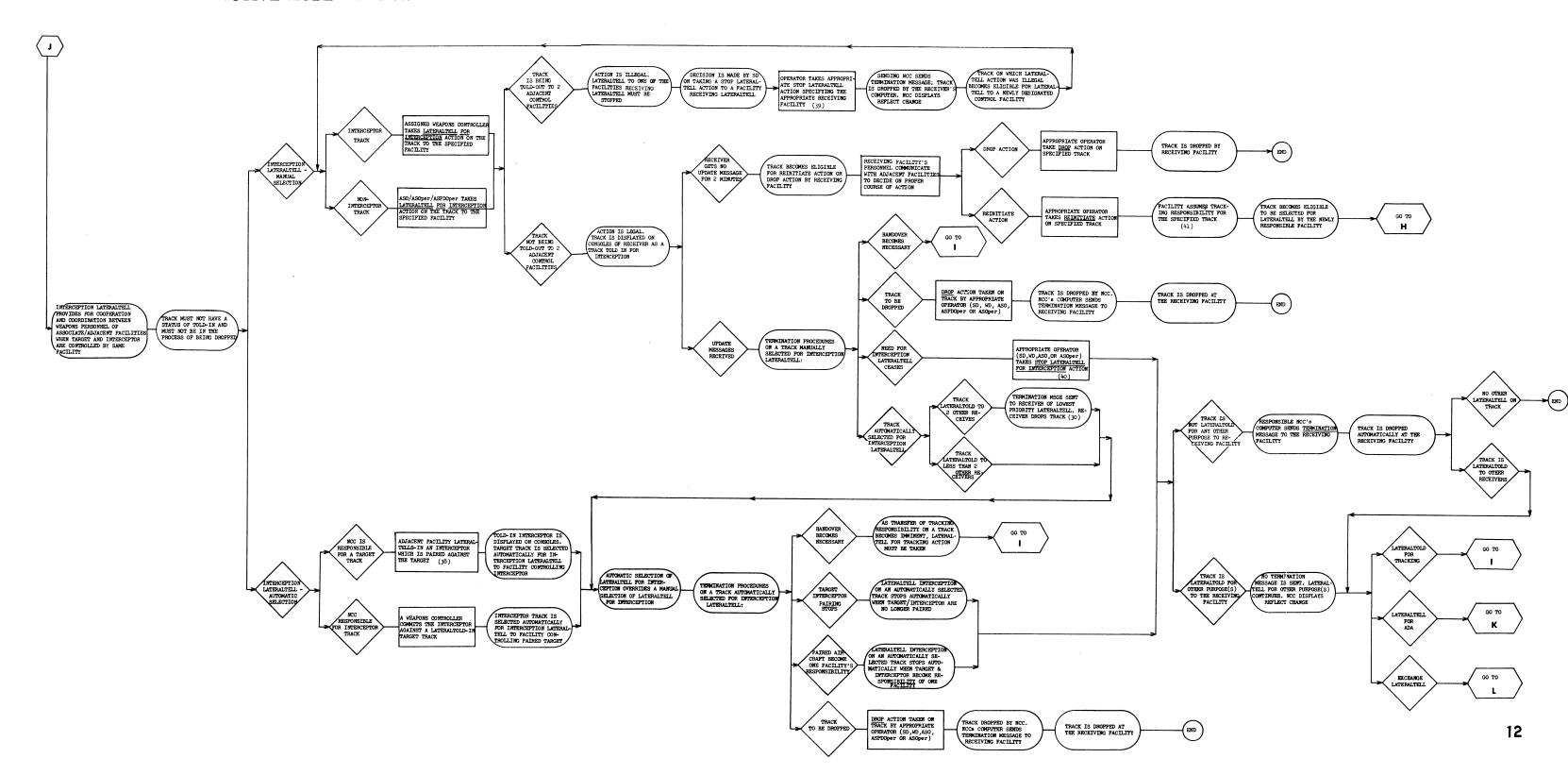


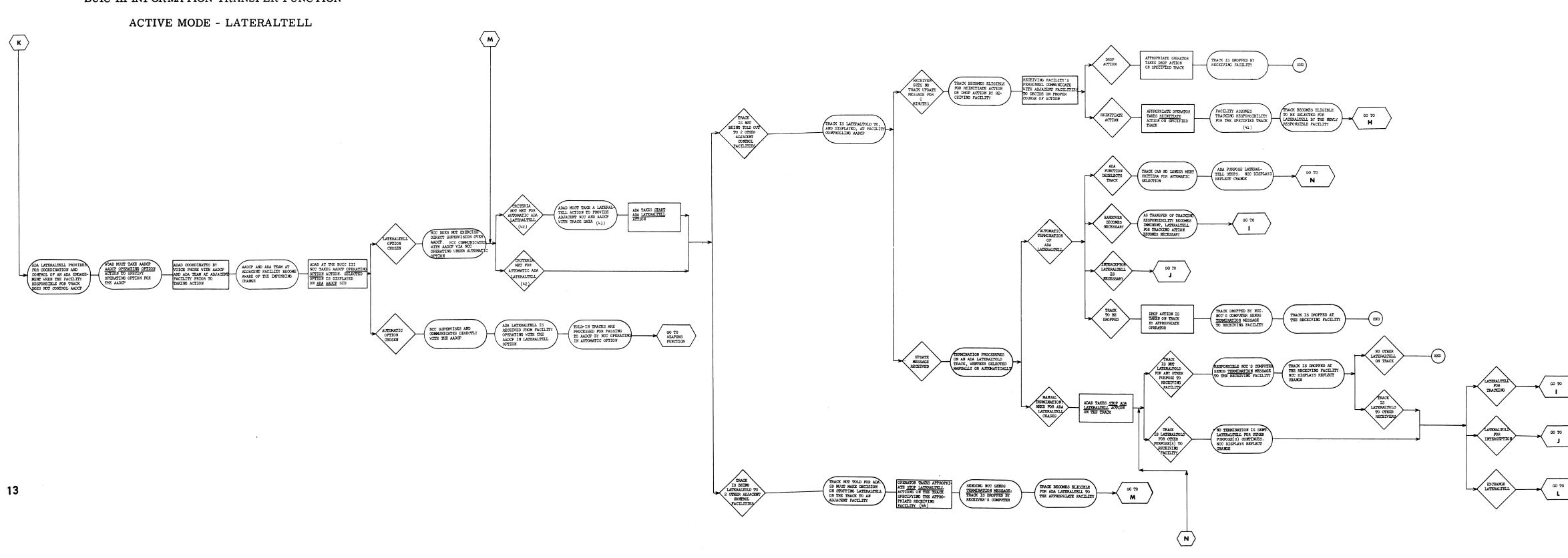
# ACTIVE MODE - LATERALTELL

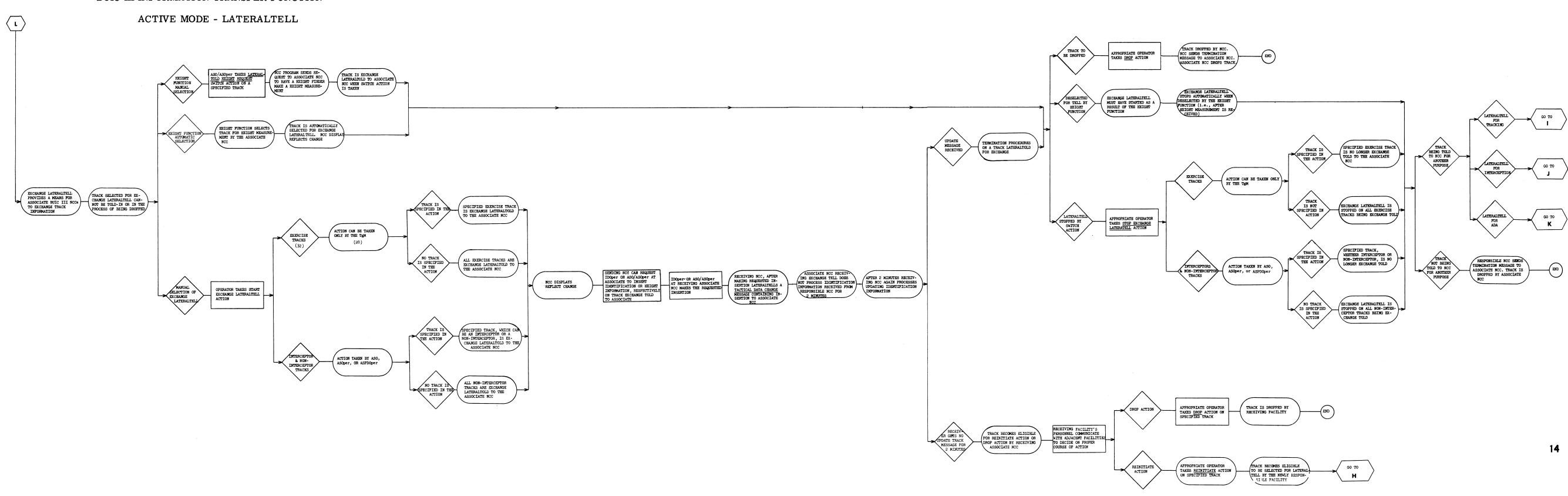




# ACTIVE MODE - LATERALTELL





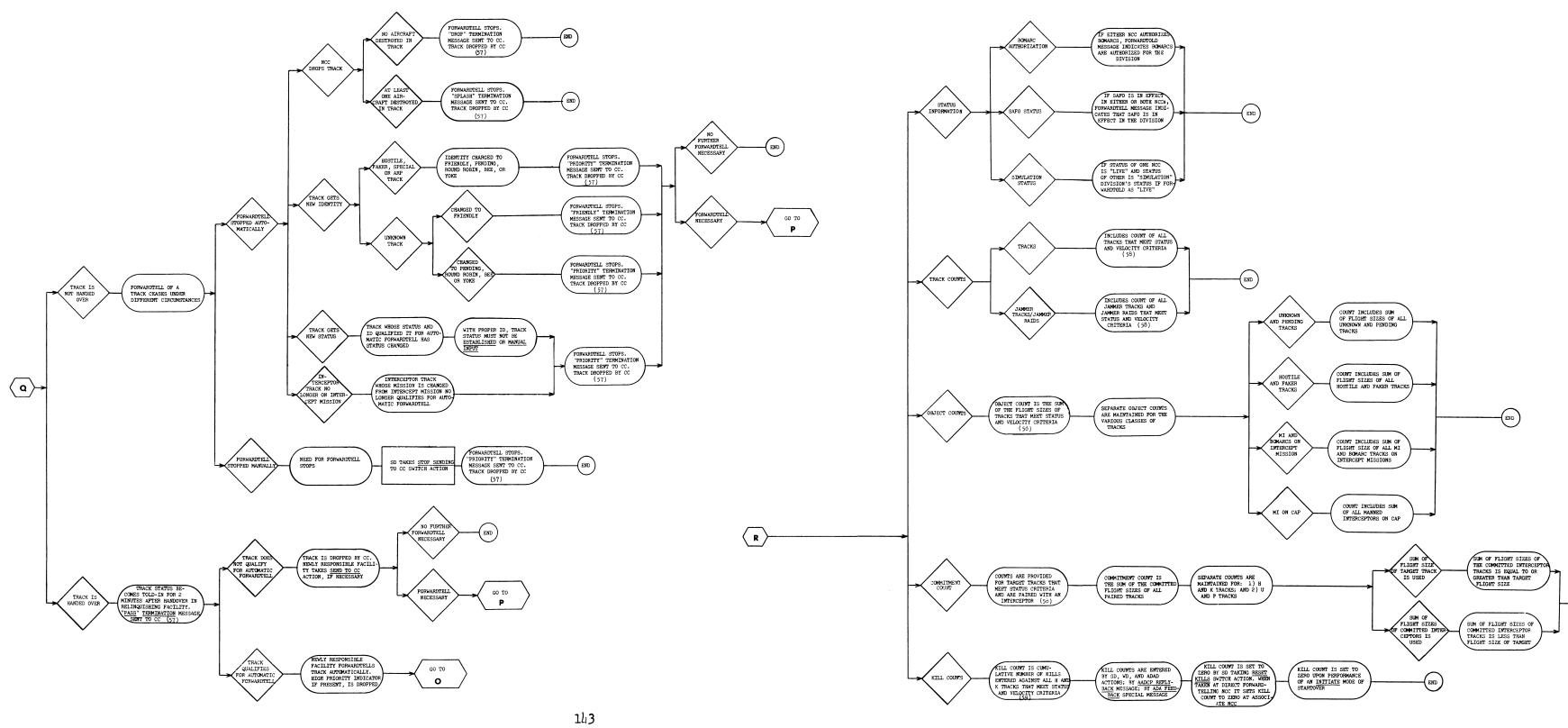


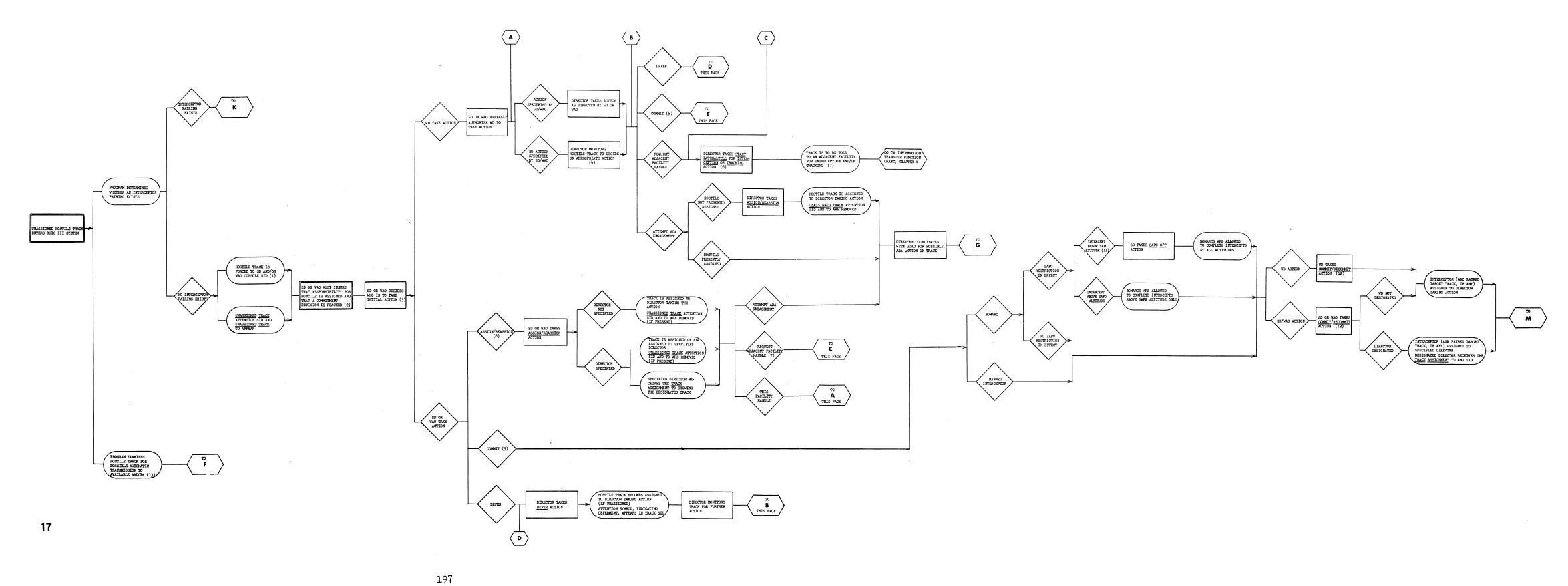
# BUIC III INFORMATION TRANSFER FUNCTION (o) ACTIVE MODE - FORWARDTELL TRACK MUST BE H, U, K S, ARP OR AN INTERCEPTOR ON AN INTERCEPT MISSION. STATUS MUST BE SSTABLISHED OR MANUAL INPUT (49) TRACK DATA NCC RECEIVES AND PRO-CESSES DATA FROM ASSOCIATE FOR DIRECT FORWARDTELL. DATA NOT DISPLAYED UNLESS NCC HAS BEEN SELECTED AS A LATERALIELL RECEIVER BY ASSOCIATE NCC TRACK DATA ARE FORWARDTOLD AS OFTEN AS POSSIBLE BUT NO MORE FREQUENTLY THAN ONE EVERY 5 CYCLES SD TAKES SEND TO CC SWITCH ACTION ON SPECIFIED TRACK (54) WHEN TWO BUIC III NCC'S ARE IN ONE DIVISION, SD'S WILL COORDINATE TO DETERMINE WHICH NCC WILL PERFORM DIRECT FORWARDTELL NCC FORWARDTELLS TRACK AND SIMMARY DATA TO CC BY LATERALITELLING DATA TO ASSOCIATE. ASSOCIATE PROCESSES DATA FOR DIRECT EXPONENTIFIED. OSM IS RECEIVED FROM ASSOCIATE INDICATING ASSOCIATE IS PERFORMING DIRECT FORWARDTELL AIR SITUATION SUMMARY TO IS SELECTED BY SD. THE DIRECT FORWARDTELLING NCC DISPLAYS THIS SUMMARY FOR BOTH ASSOCIATE AND ITSELF EXERCISE TRACKS ARE NOT INCLUDED IN ANY COUNTS FOR AIR SITUATION SUMMARY DATA GO TO R MI SQUADRON SUMMARY DATA MESSAGE CONTAINS SQUADRON DESIGNATOR, AIRBORNE DESIGNATOR, FIGHTER TYPE, FUEL CONFIGURATION, SCRAMBLE STATUS AND AIRCRAFT COUNTS DATA FOR EACH SQUADRON IS INSERTED INTO COMPUTER BY MANUAL DATA PERSONNEL (55) CONTENTS OF MESSAGE ARE DISPLAYED IN THE MI WEAPONS AVAILABILITY TD MESSAGE CONTAINS SQUADRON DESIGNATOR, NUMBER OF BOMARCS IN READY STATUS, RELIABILITY OF COUNT, AND SIMULATION STATUS (56) CONTENTS OF MESSAGE ARE DISPLAYED IN THE BOMARC MISSILE BASE TD (55)

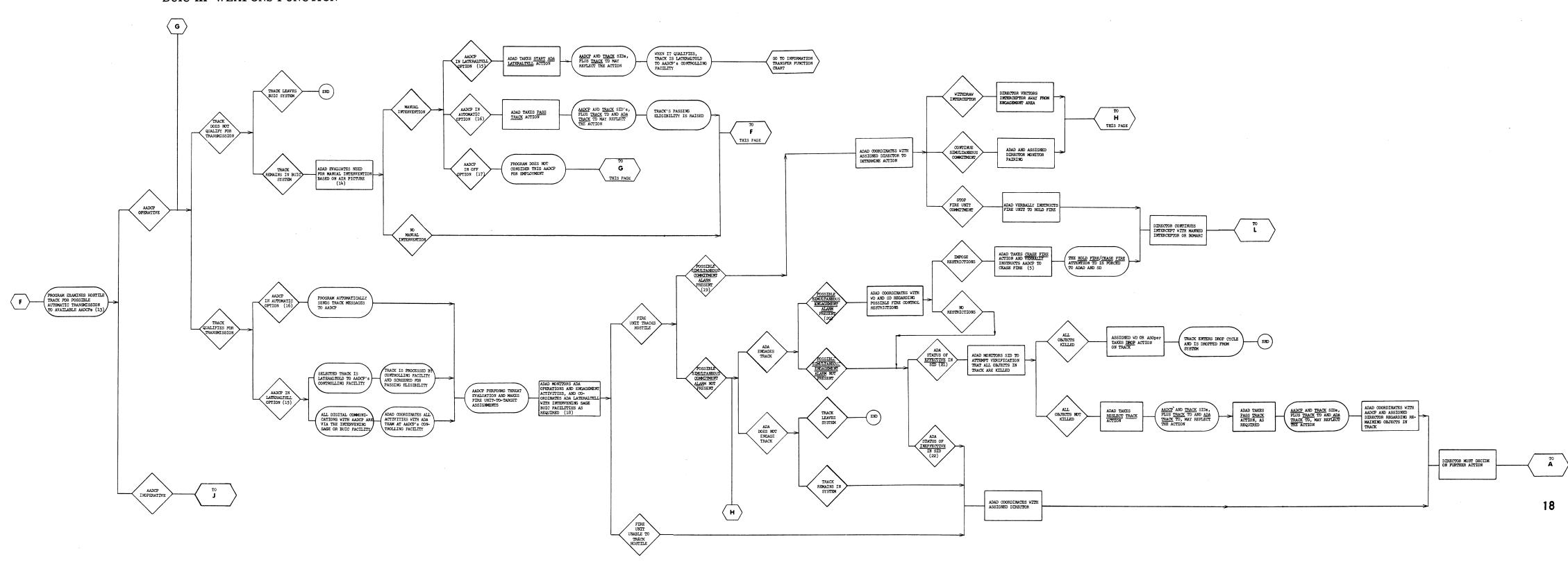
SEPARATE COUNTS ARE
MAINTAINED FOR NUMBER
OF UNITS ON 5- AND 15MINUTE ALERT, 3-HOUR
ALERT, AND TOTAL UNITS

CONTENTS OF MESSAGE
ARE DISPLAYED IN THE
ADA ALERT SUMMARY TD

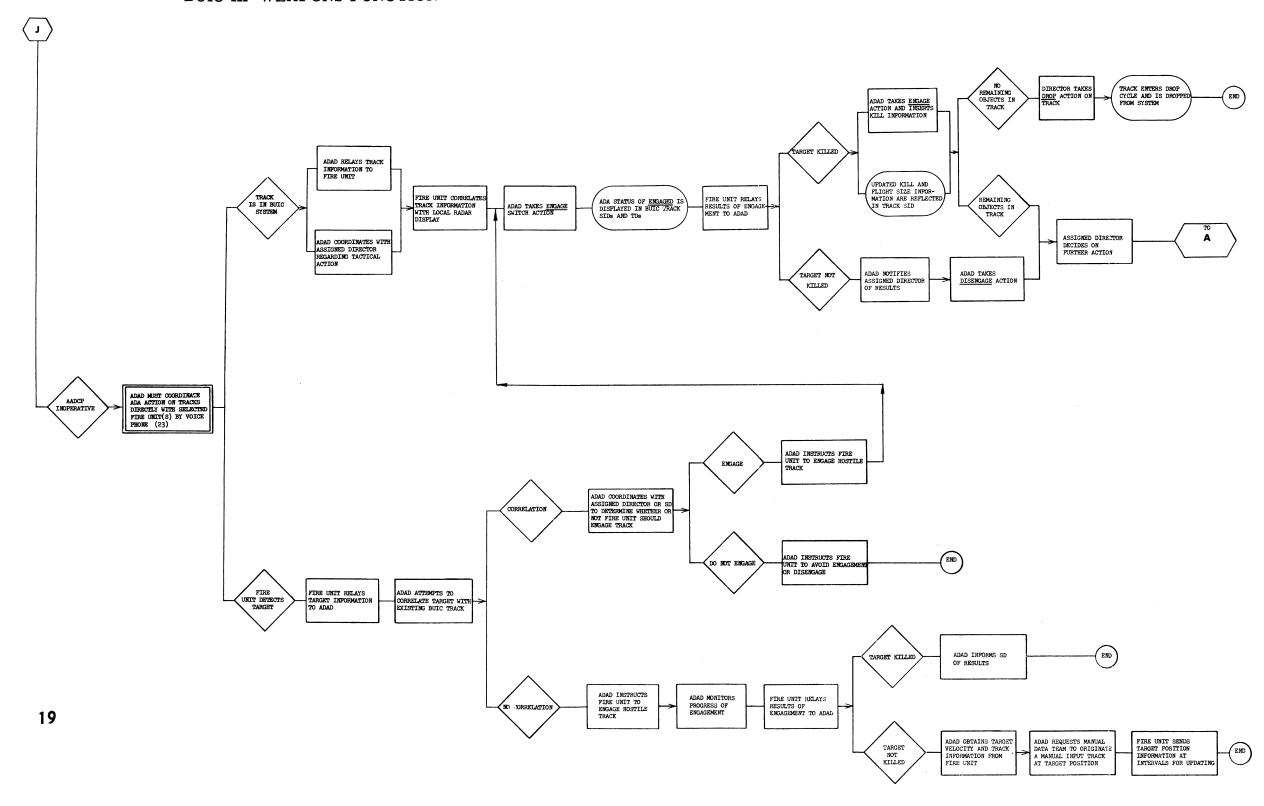
# ACTIVE MODE - FORWARDTELL



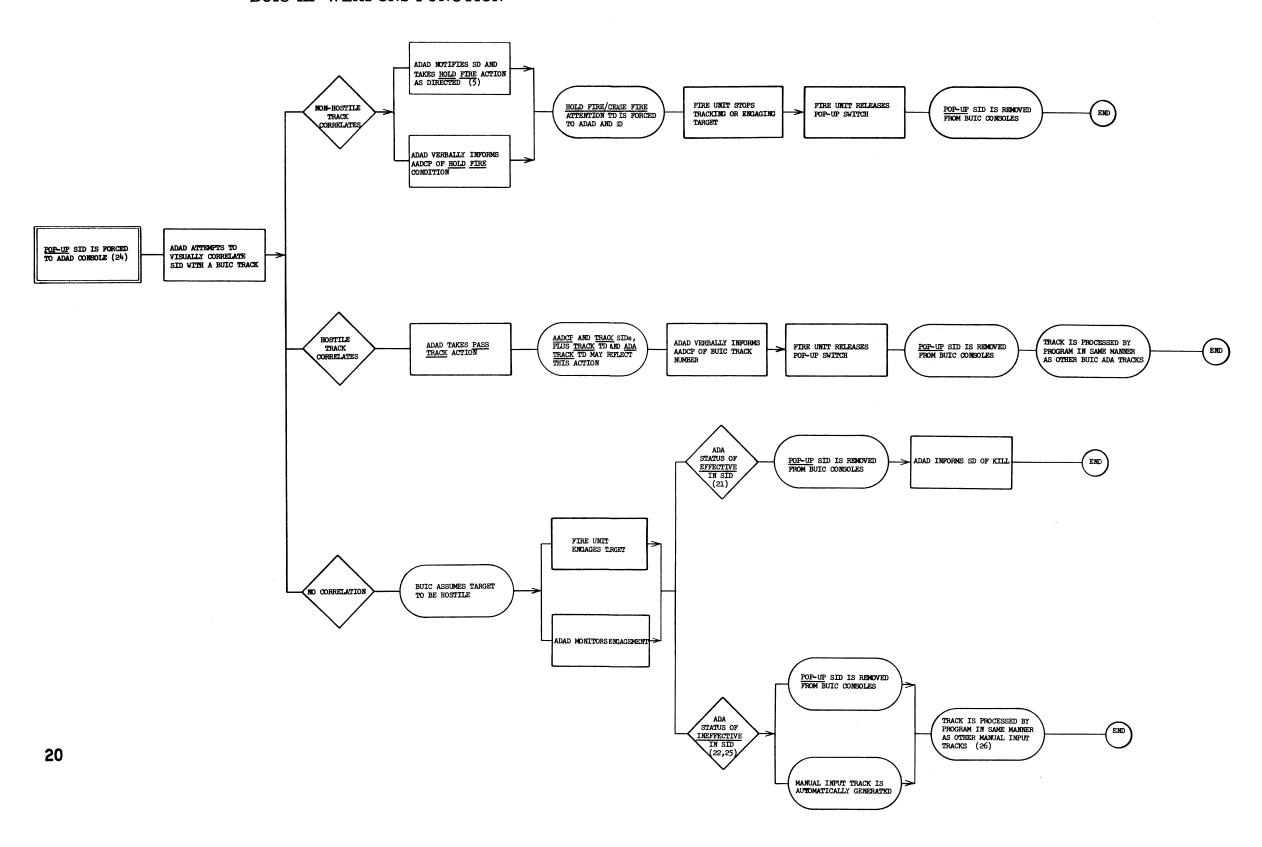




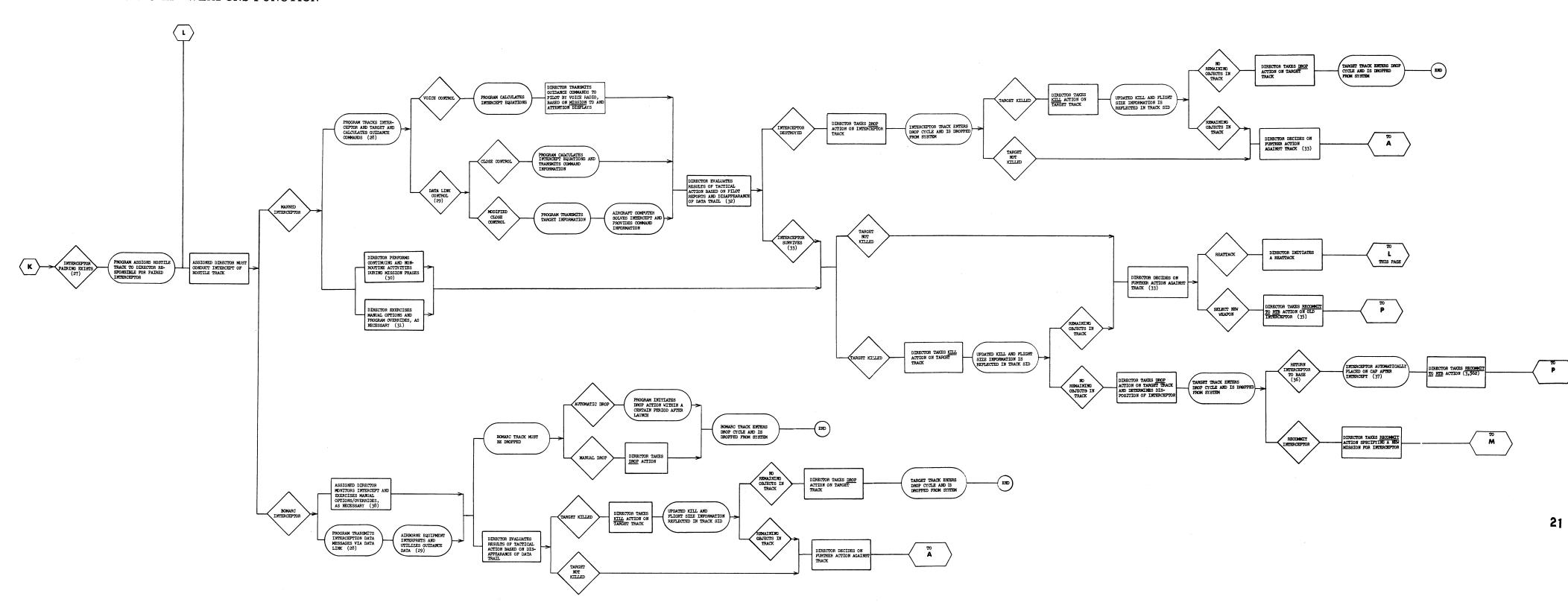
# BUIC III WEAPONS FUNCTION



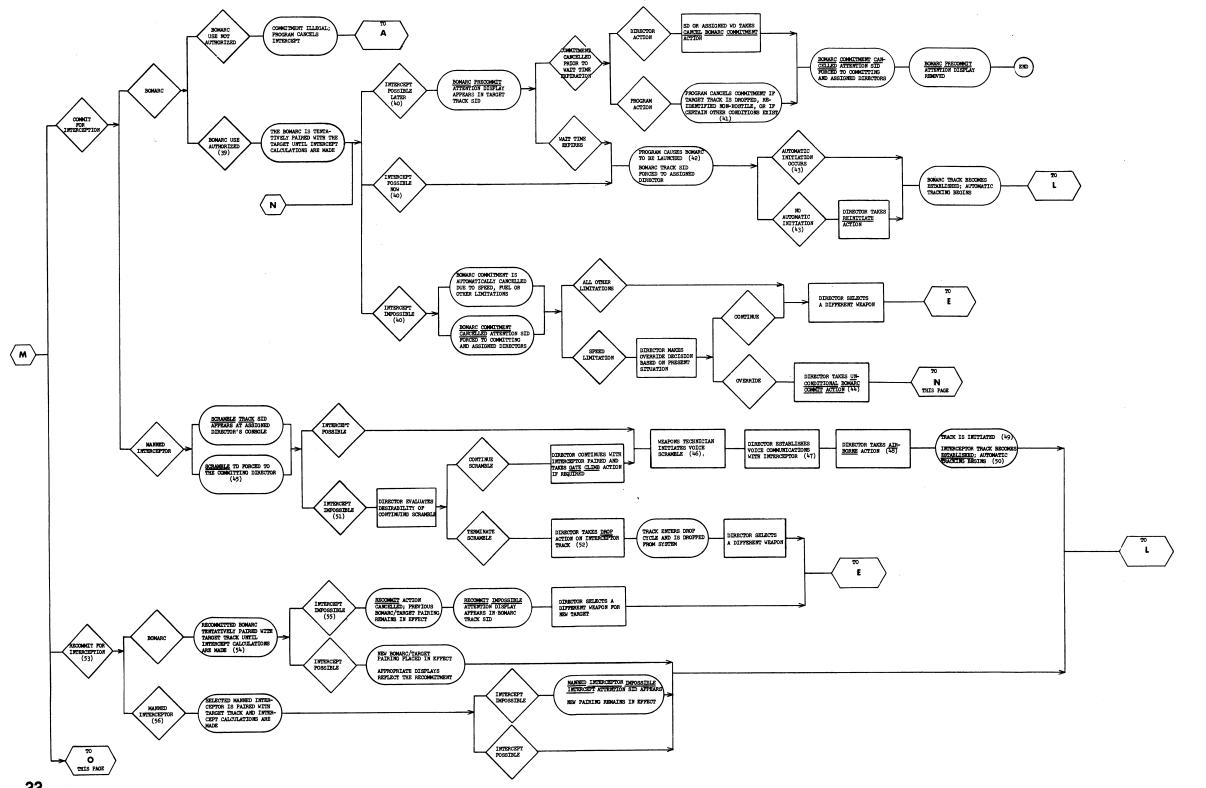
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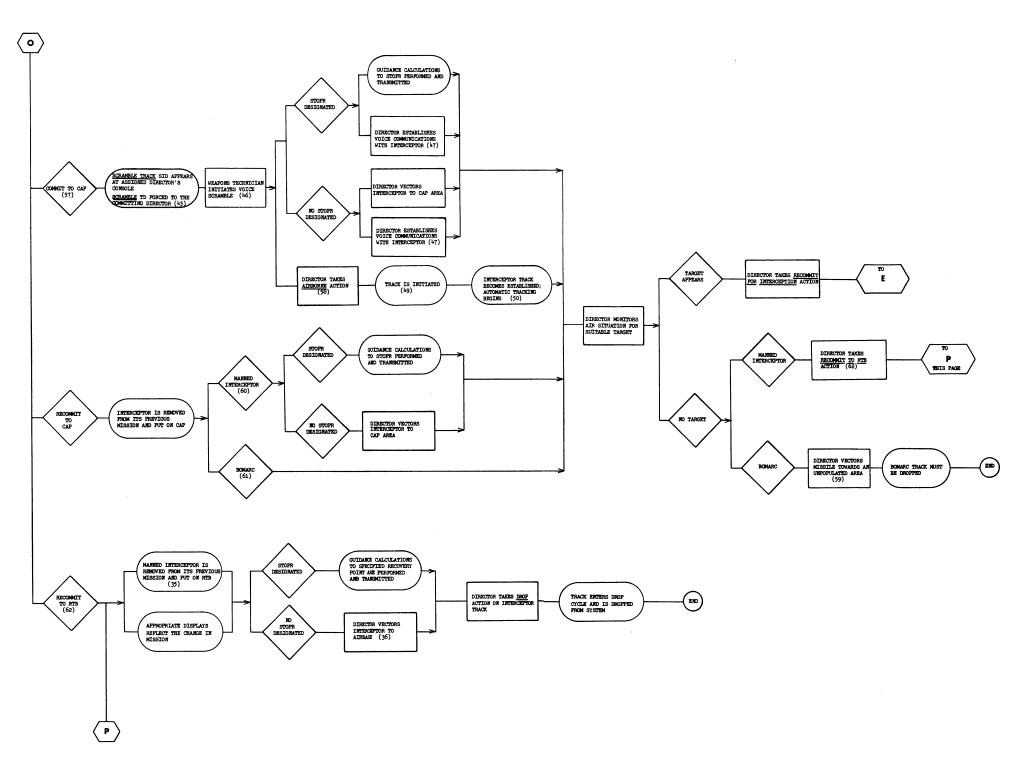


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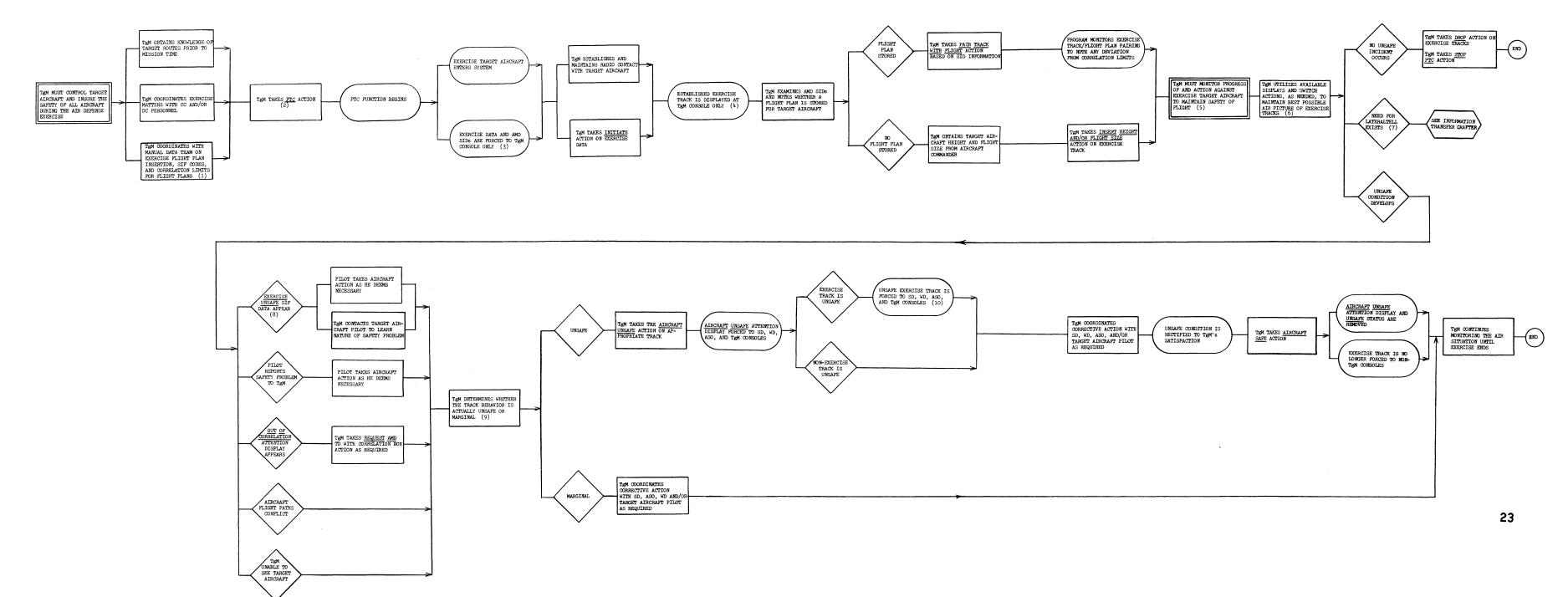


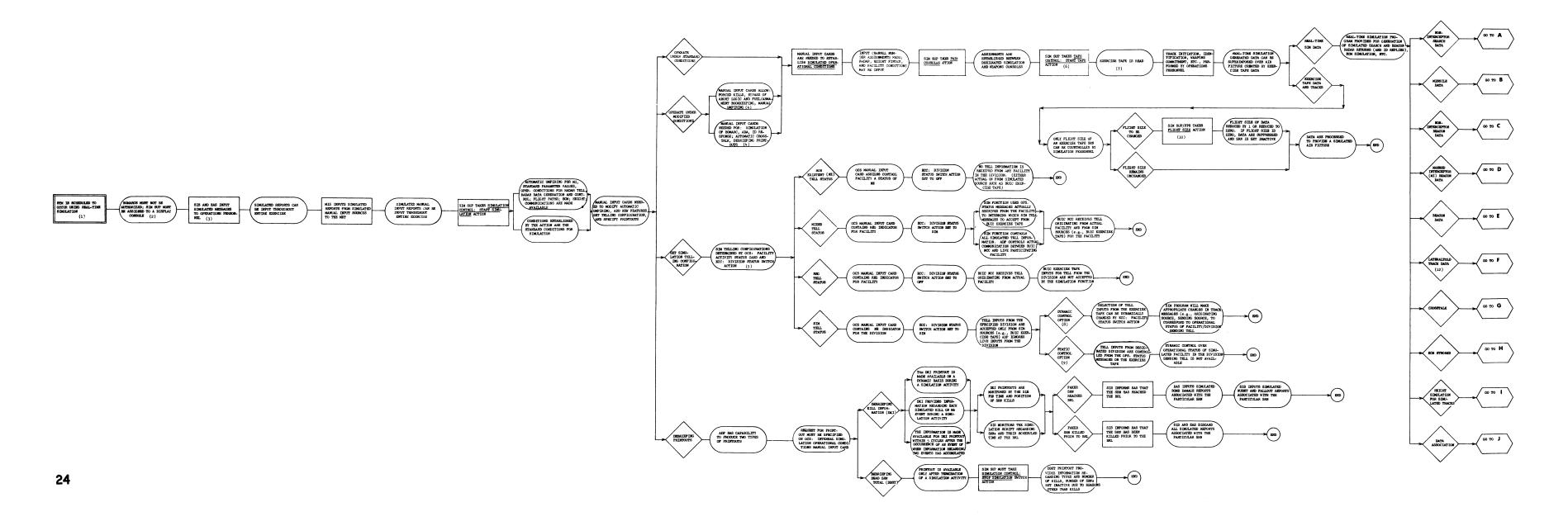
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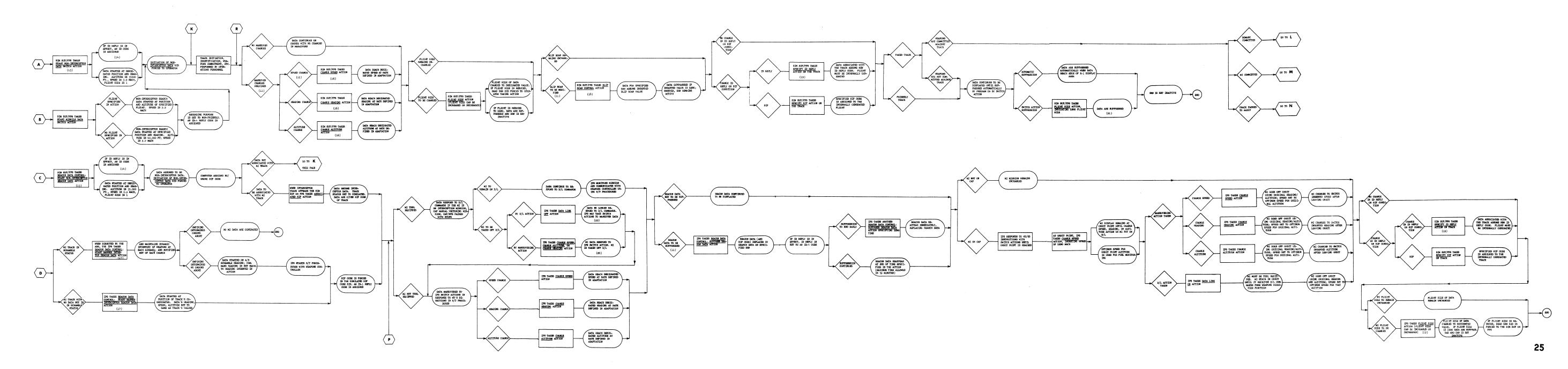


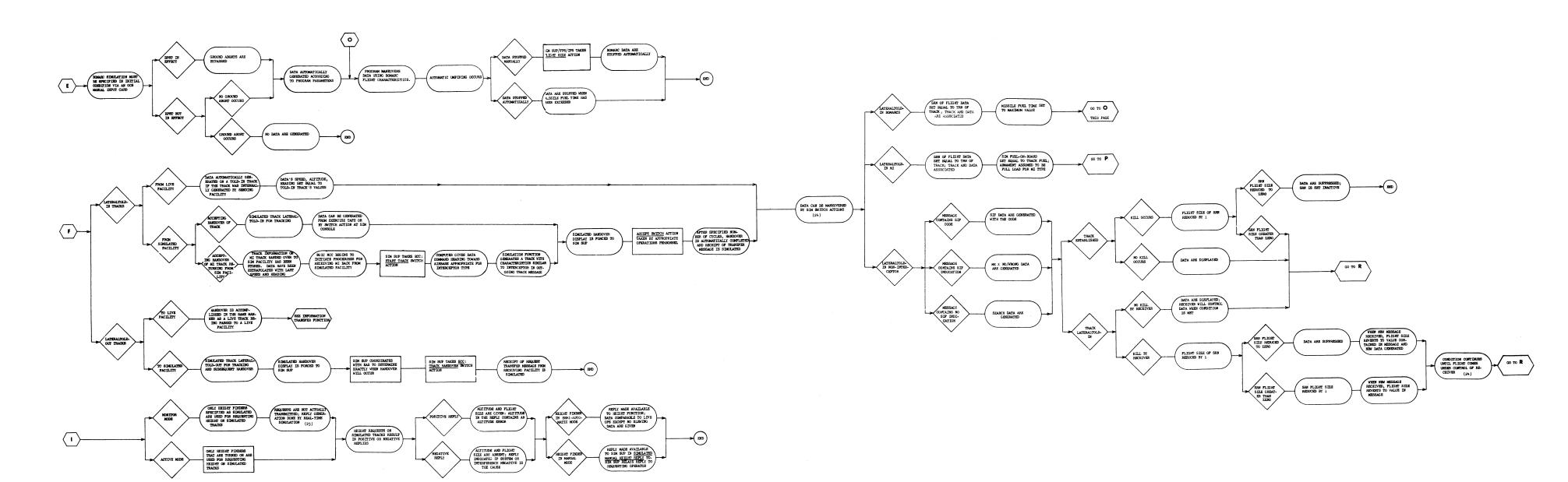


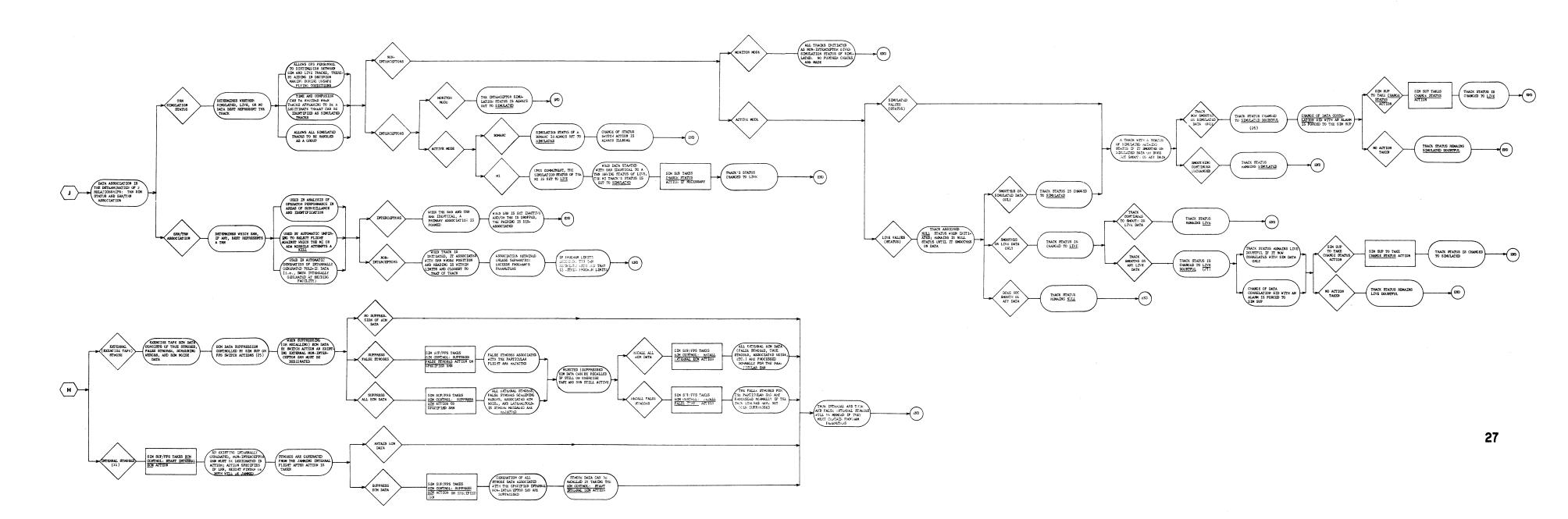
#### BUIC III POSITIVE TARGET CONTROL FUNCTION











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