ME MODULE MULTIPLY OR
APPROXIMATION ROUND CONTROL

B-2941

OJA IS ALWAYS SET UNLESS A
126,127,156, OR 157 IS ISSUED

MULTIPLY OR
APPROXIMATION
ROUND CONTROL
(124,125,132,133,
154,155,166,167)

MULTIPLY OR APPROXIMATION ROUND CONTROL IS USED
TO GATE ROUND BITS INTO THE PYRAMID ADD PROCESS.
THESE ROUND BITS, AS FAR AS THE MA's PORTION IS
CONCERNED, ARE SPECIFIC TO MULTIPLY OR
APPROXIMATION INSTRUCTIONS.

FUNCTIONAL UNIT ENABLE
VECTOR LENGTH CONTROL
154-157 INSTRUCTIONS

124-127 INSTRUCTIONS
SCALAR-SCALAR MULTIPLY,
RECIPROCAL ITERATION,
OR SQUARE ROOT ITERATION

154-157 INSTRUCTIONS
SCALAR-VECTOR OR
VECTOR-VECTOR MULTIPLY,
RECIPROCAL ITERATION, OR
SQUARE ROOT ITERATION

mode bit j
f field 2 0

mode bit k
f field 2 1