C_N Coefficient at AoA = 16.0° OF R1 rhoCentralFoam Lin. Interp. OF R1 rhoPimpleFoam Lin. Interp. 2.5 2.0 3.0 3.5 4.0 4.5 1.5

Mach Number

--- EXP.

3.0

C_N Coefficient

1.5

1.0

0.5

1.0

EXP ± 3%

FLUENT R1 (k-omega SST)

FLUENT R5 (k-omega SST) OF R1 rhoCentralFoam OF R1 rhoPimpleFoam OF R2 rhoCentralFoam OF R2 rhoPimpleFoam OF R3 rhoCentralFoam OF R3 rhoPimpleFoam OF R4 rhoCentralFoam OF R4 rhoPimpleFoam OF R5rhoCentralFoam OF R5 rhoPimpleFoam

--- FLUENT R1 Lin. Interp. --- FLUENT R5 Lin. Interp.