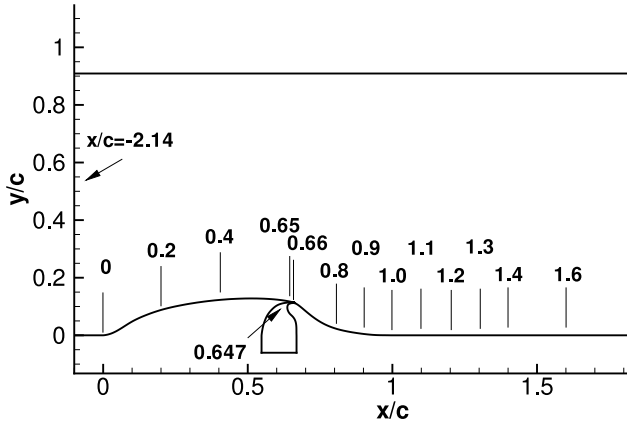
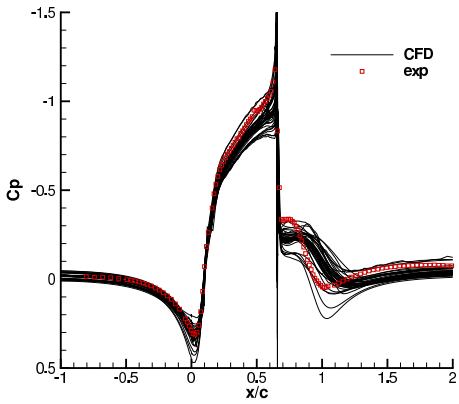
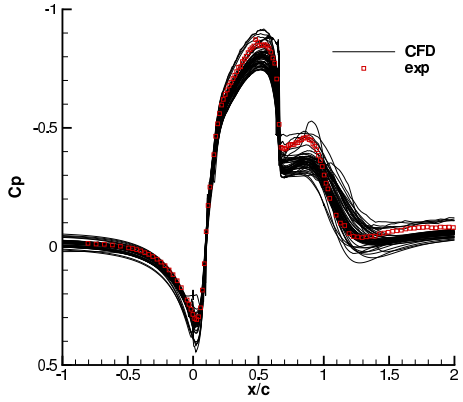
Results from CFDVAL2004 Case 3



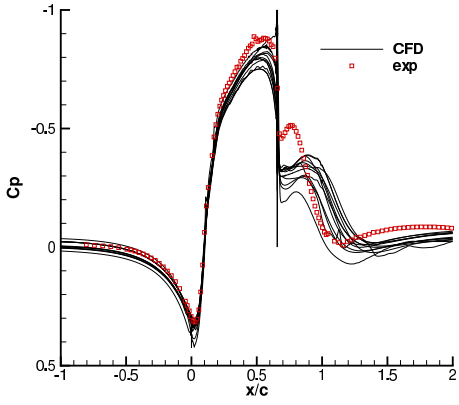
Cp plots for steady suction, all results:



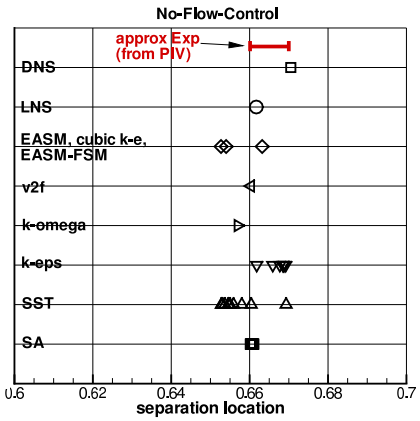
Cp plots for no-flow-control, all results:



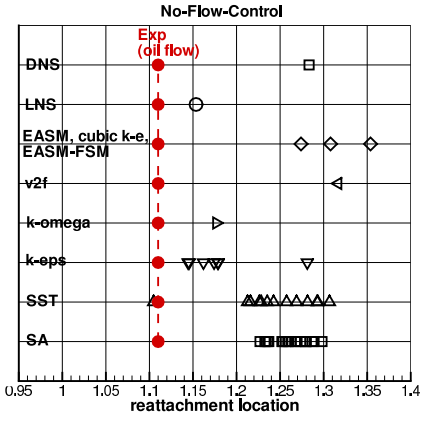
Cp plots for oscillatory control, all results:

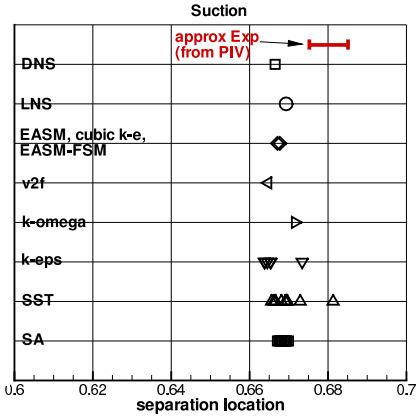


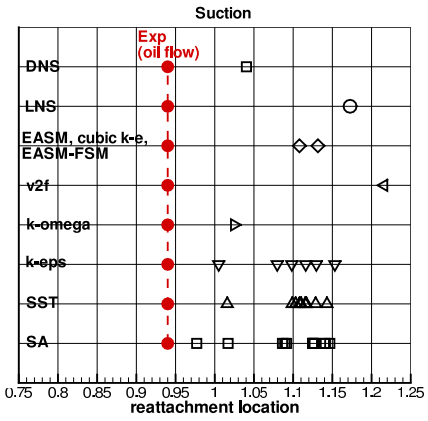
Location of separation:



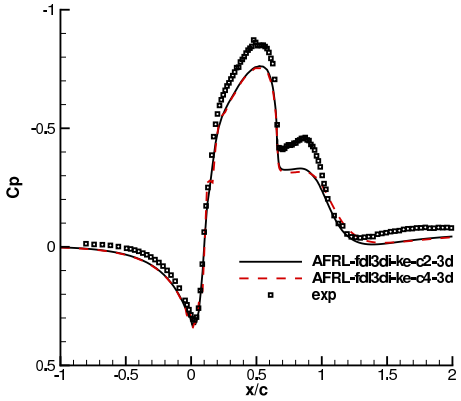
Location of reattachment:

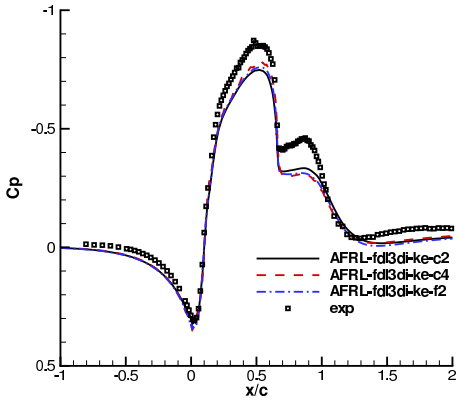


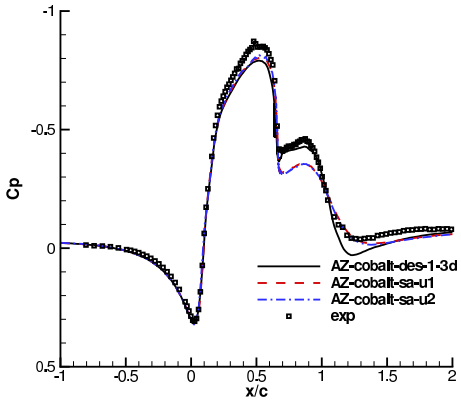




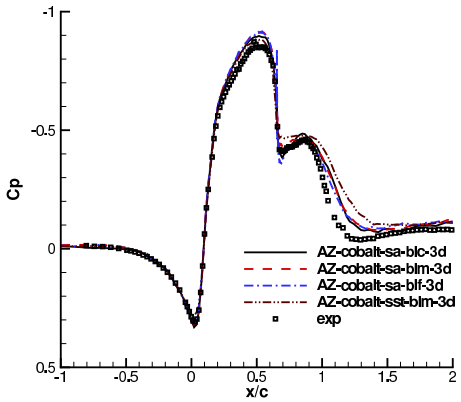
Cp plots for no-flow-control:

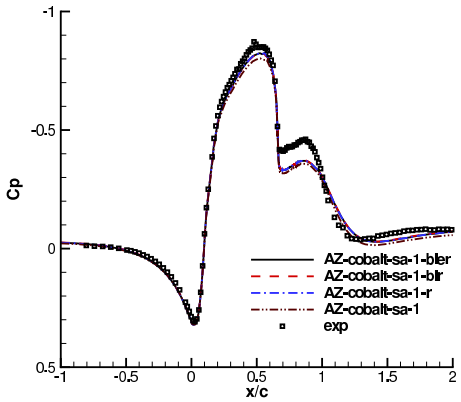


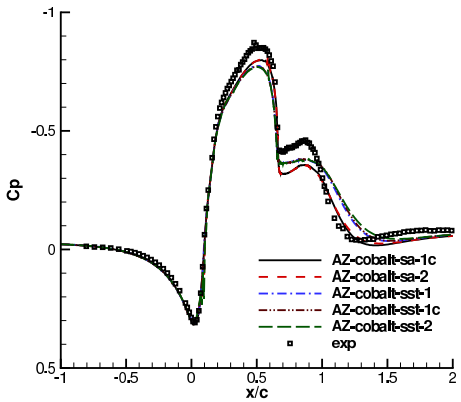




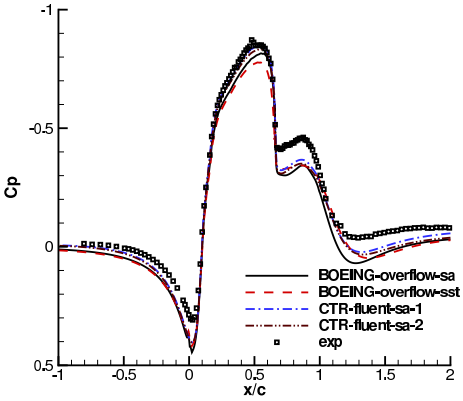
Cp plots for no-flow-control (cont'd):

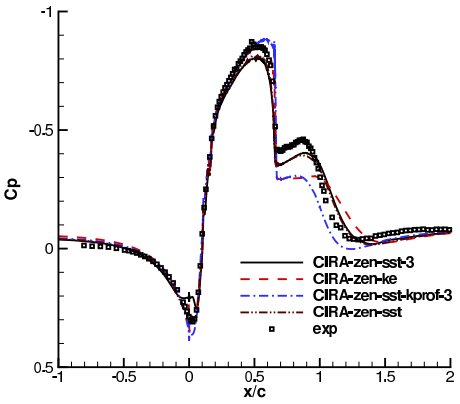


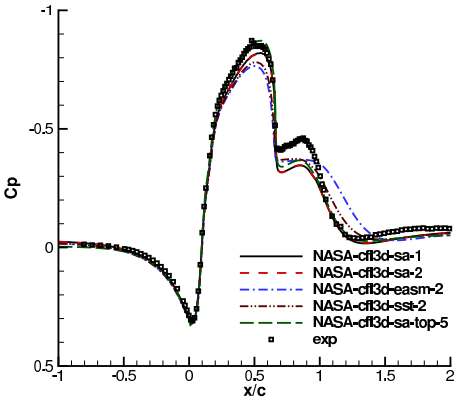




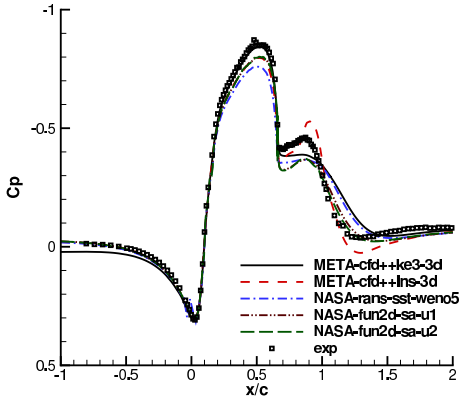
Cp plots for no-flow-control (cont'd):

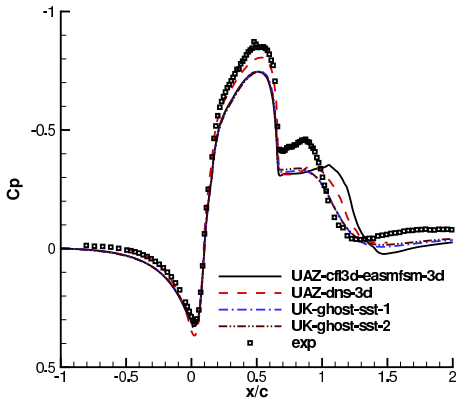


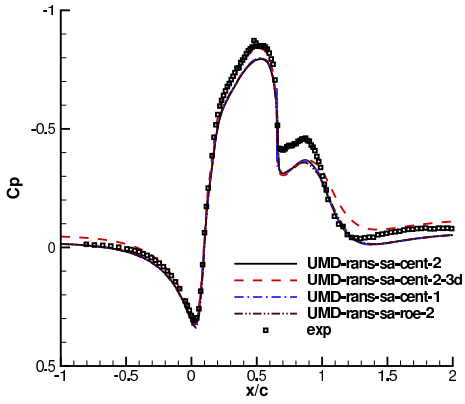




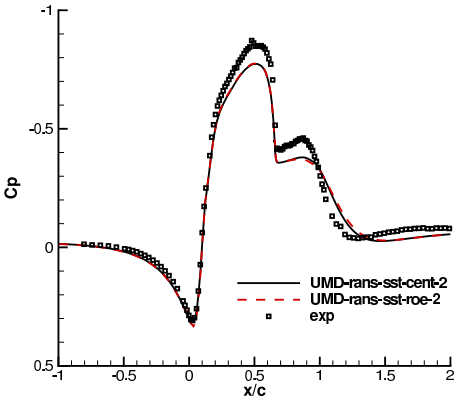
Cp plots for no-flow-control (cont'd):

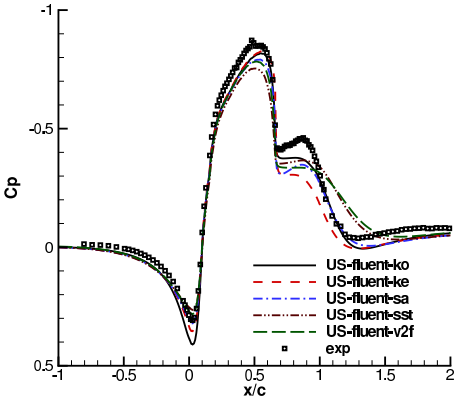






Cp plots for no-flow-control (cont'd):





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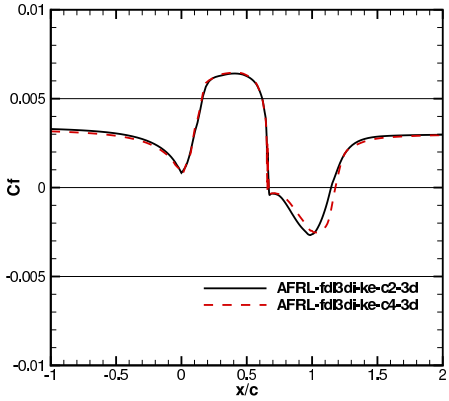
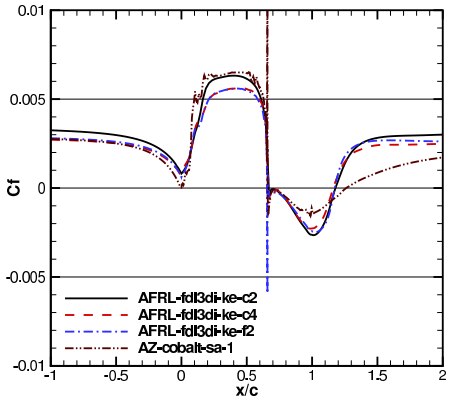
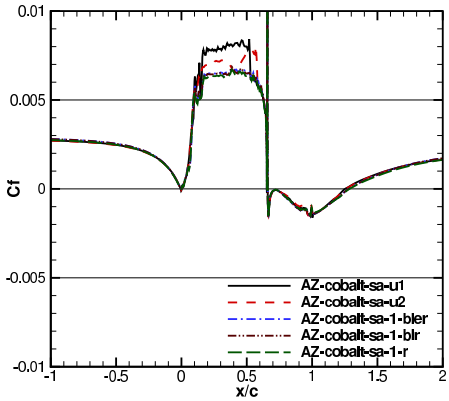
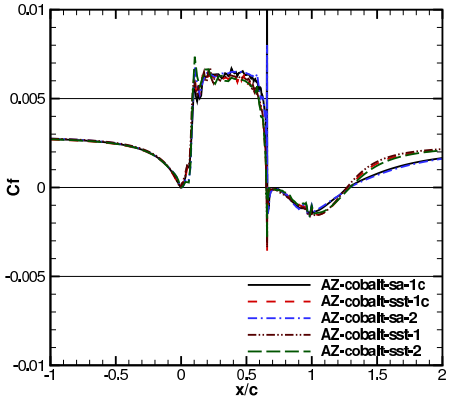
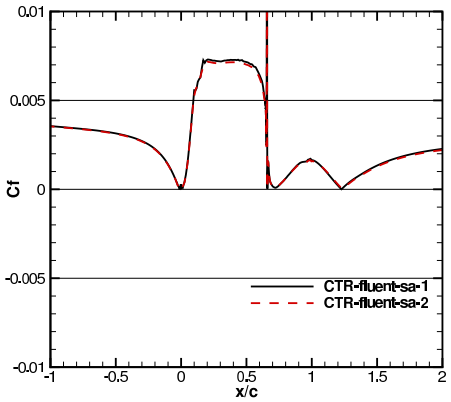


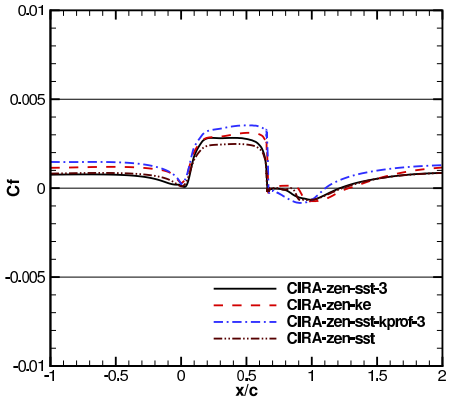




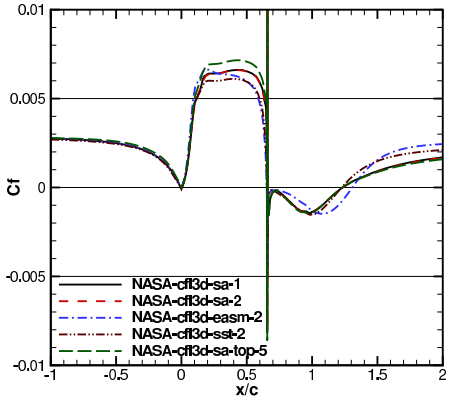
Cf plots for no-flow-control (cont'd):

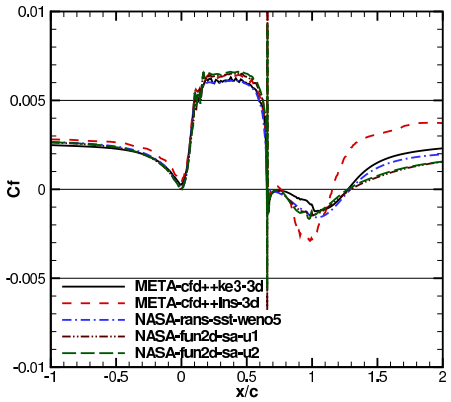


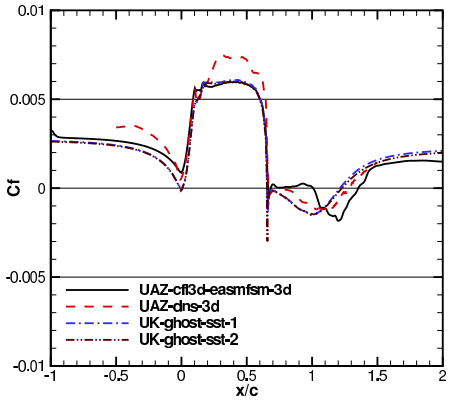




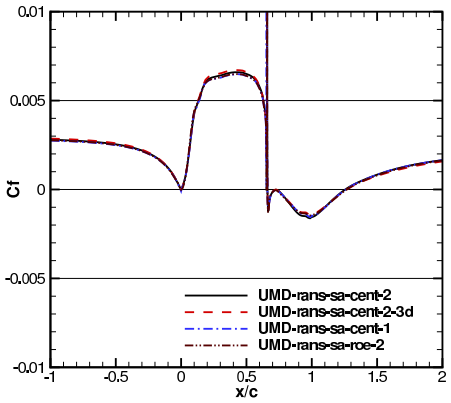
Cf plots for no-flow-control (cont'd):

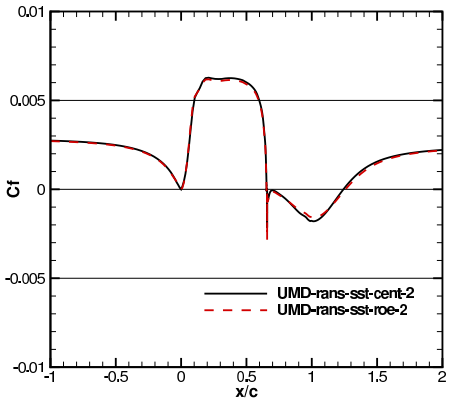


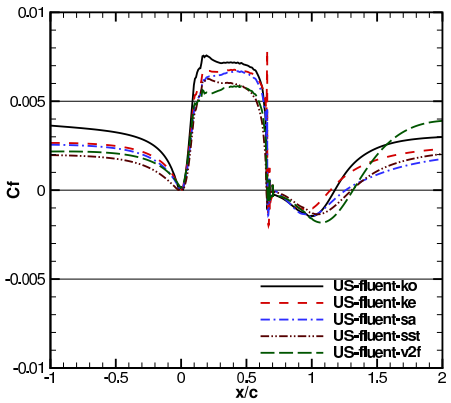




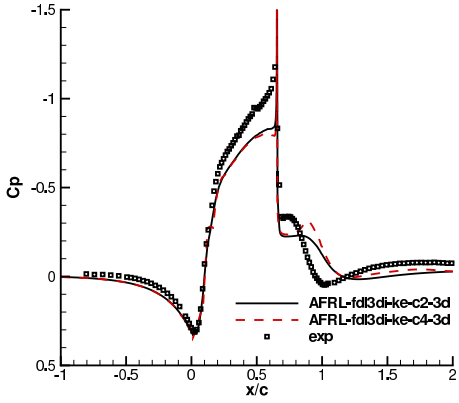
Cf plots for no-flow-control (cont'd):

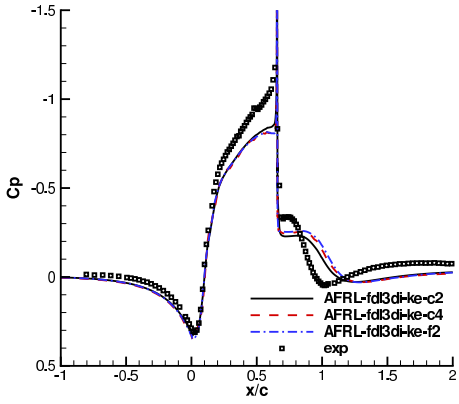


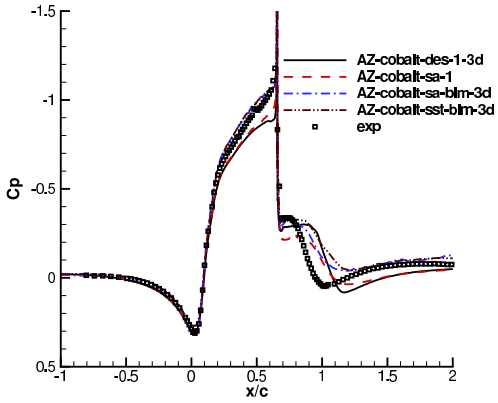




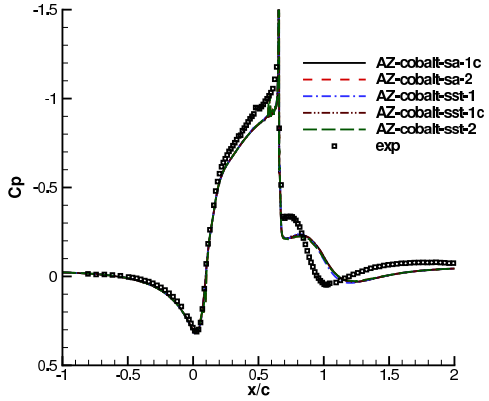
Cp plots for steady suction:

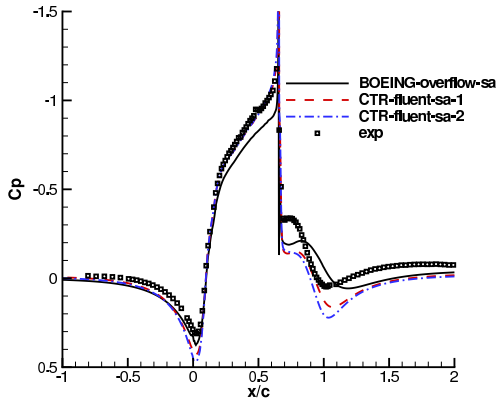


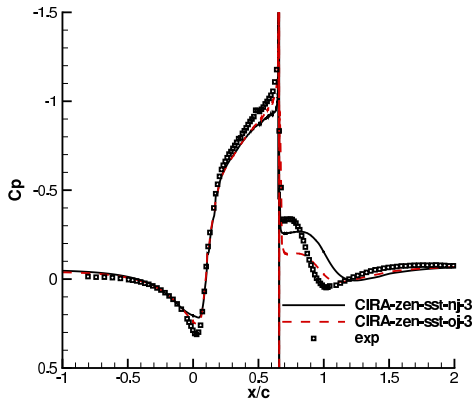




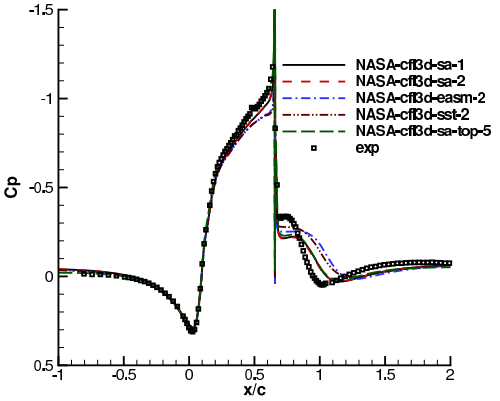
Cp plots for steady suction (cont'd):

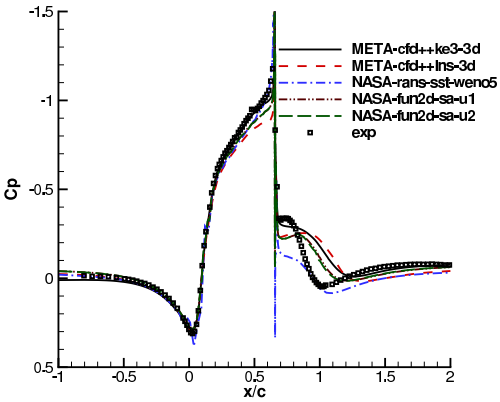


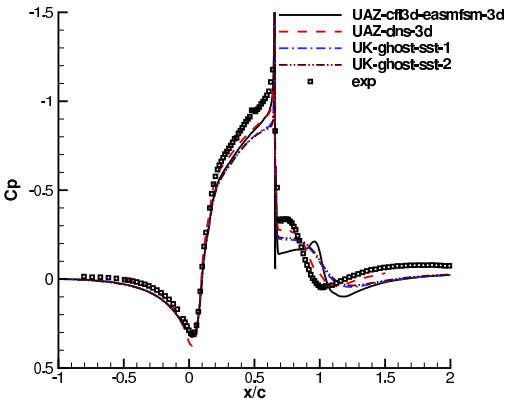




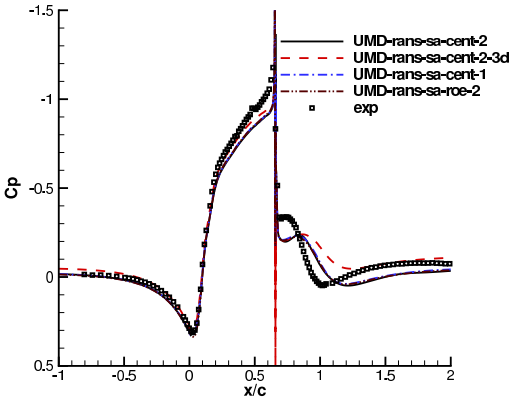
Cp plots for steady suction (cont'd):

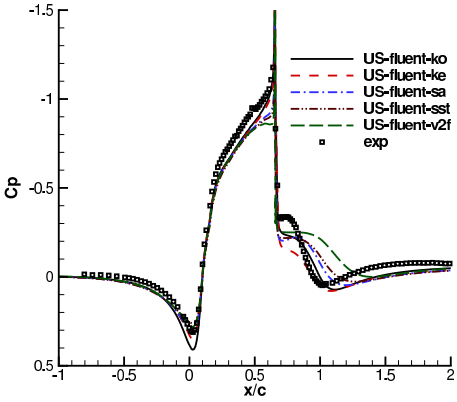




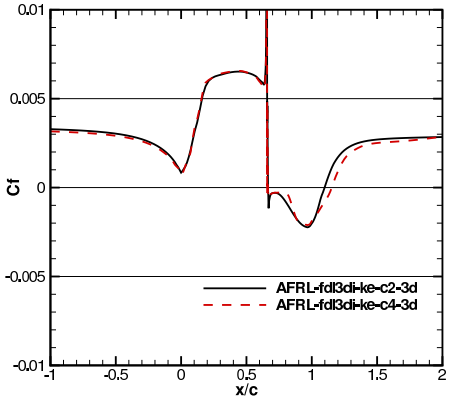


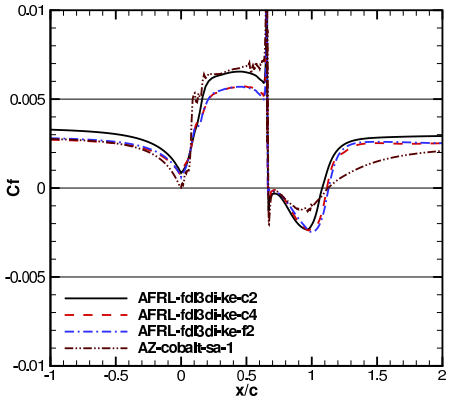
Cp plots for steady suction (cont'd):

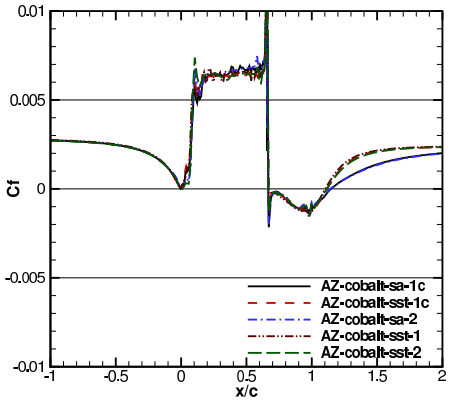




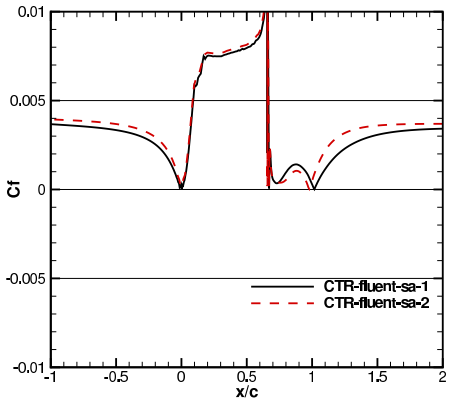
Cf plots for steady suction:

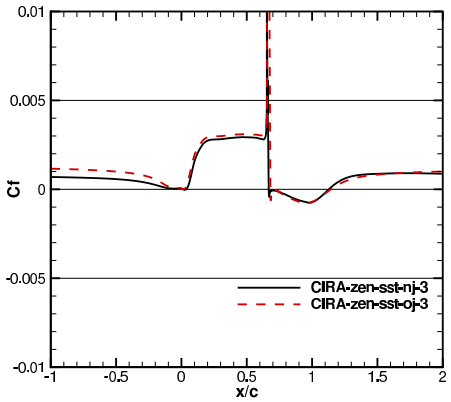


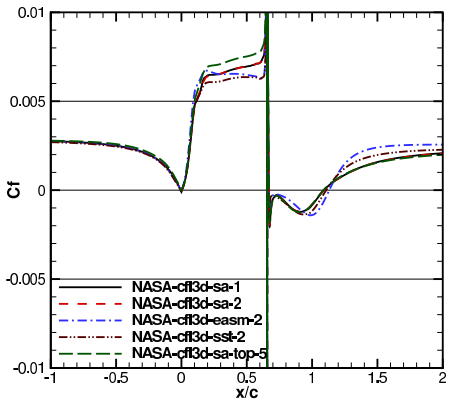




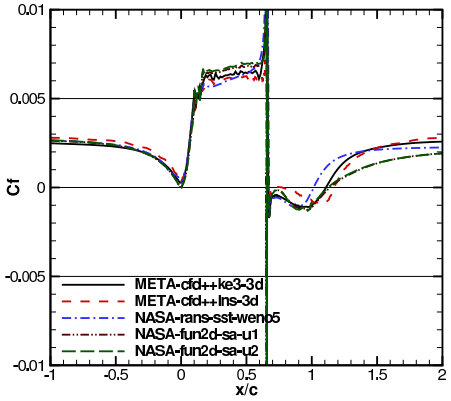
Cf plots for steady suction (cont'd):



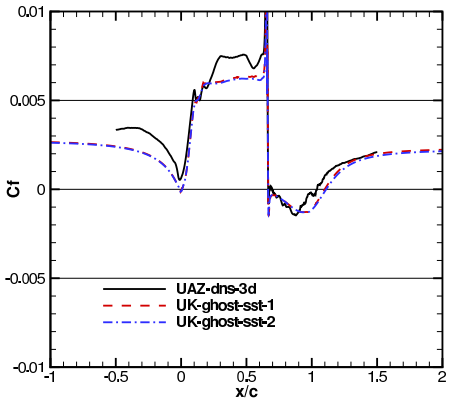


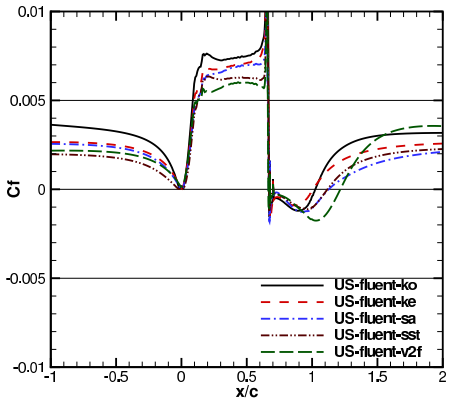


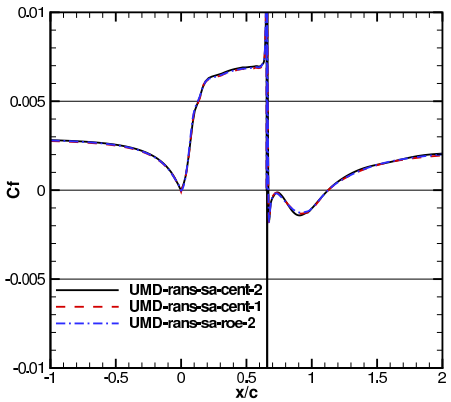
Cf plots for steady suction (cont'd):



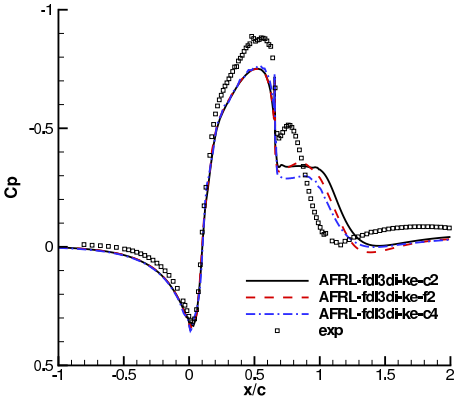
Cf plots for steady suction (cont'd):

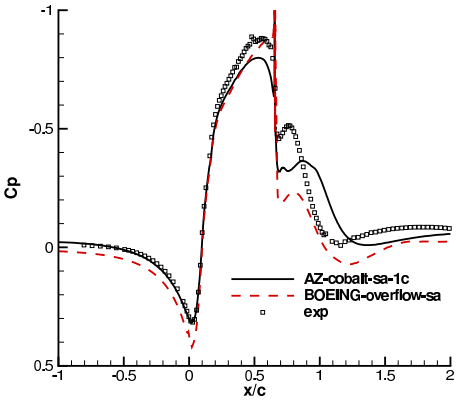


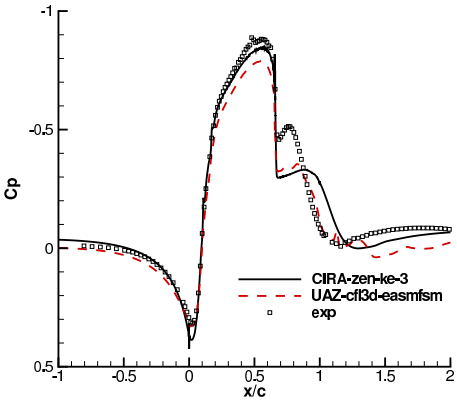




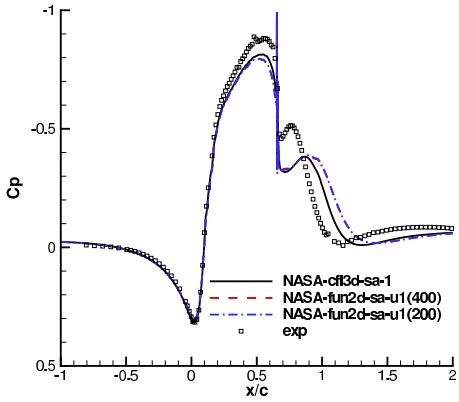
Cp plots for oscillatory control:

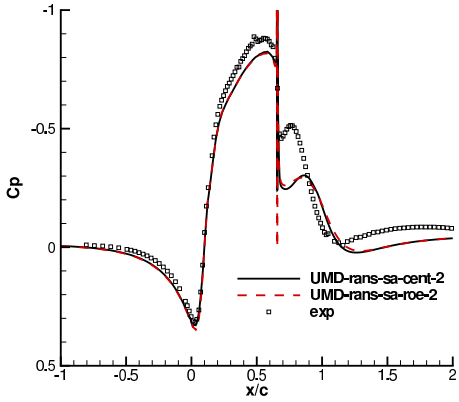




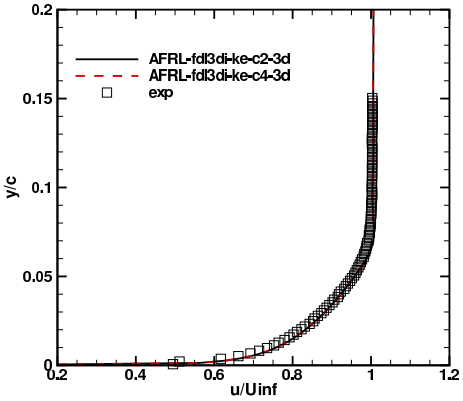


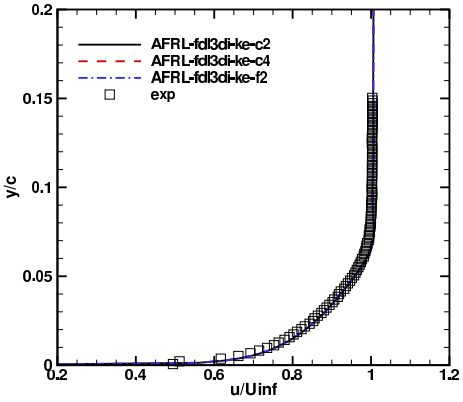
Cp plots for oscillatory control (cont'd):

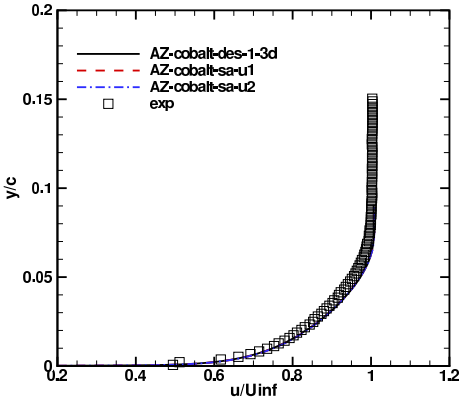




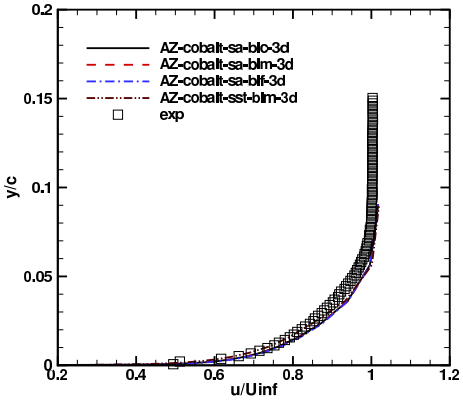
U-velocity profiles at x/c=-2.14:

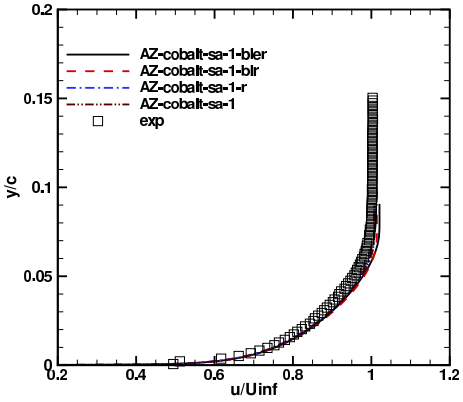


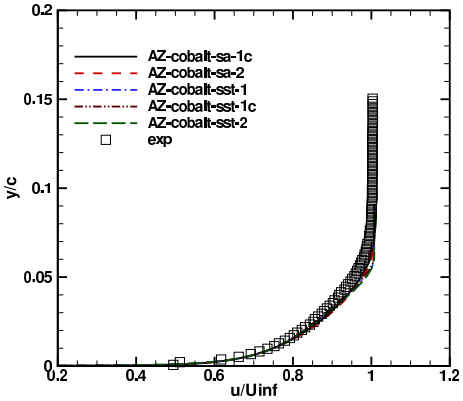




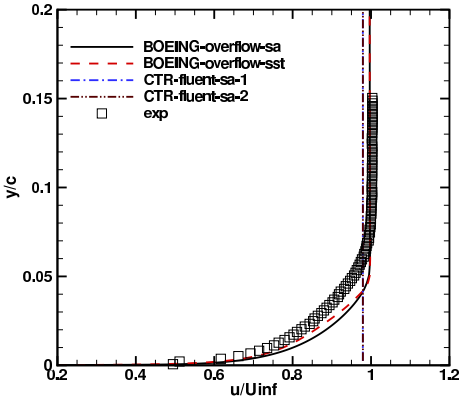
U-velocity profiles at x/c=-2.14 (cont'd):

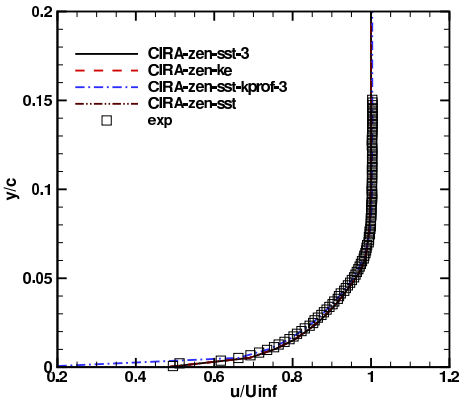


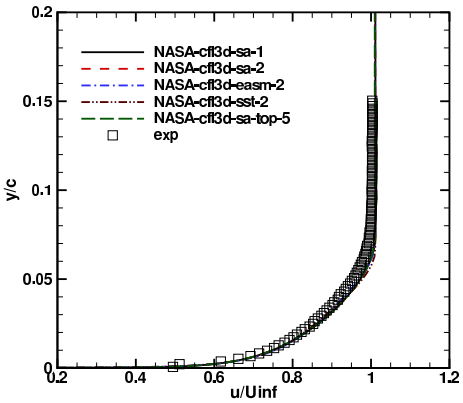




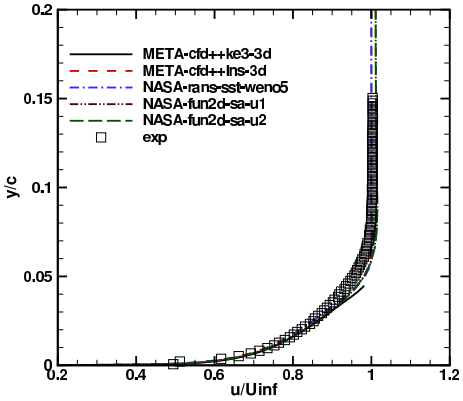
U-velocity profiles at x/c=-2.14 (cont'd):

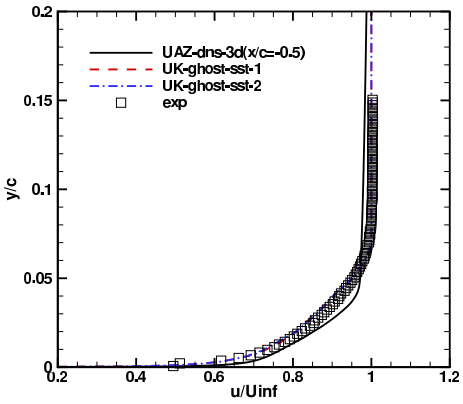


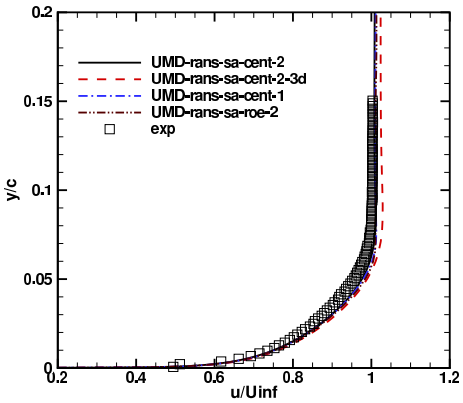




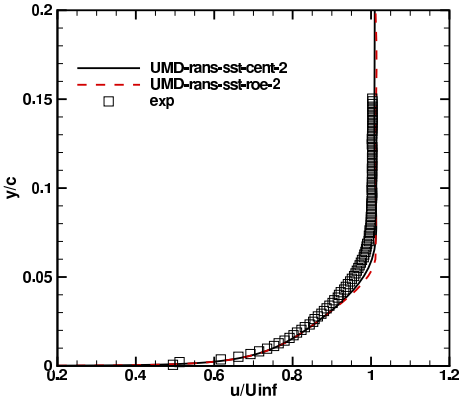
U-velocity profiles at x/c=-2.14 (cont'd):

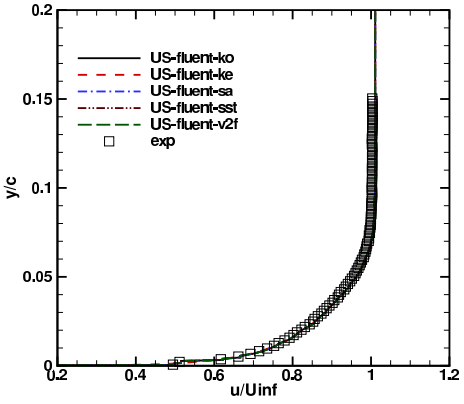




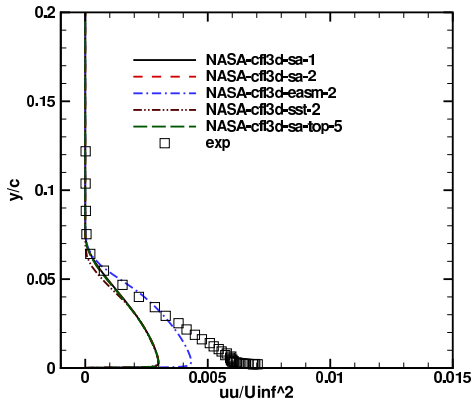


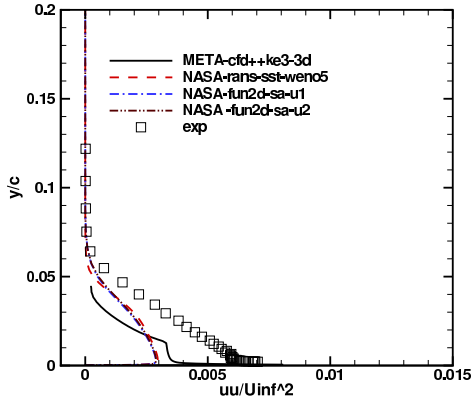
U-velocity profiles at x/c=-2.14 (cont'd):

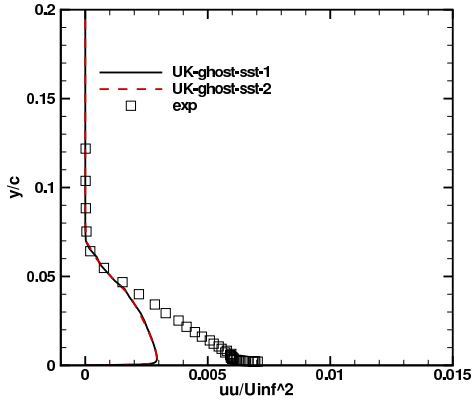




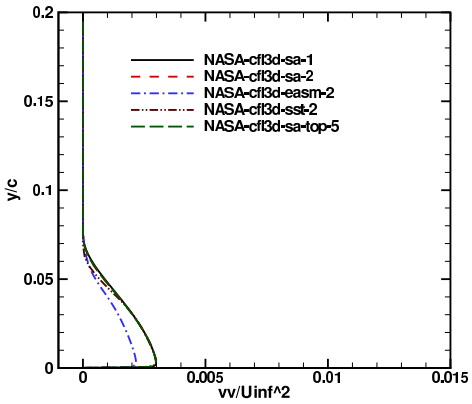
u'u' turbulent stress profiles at x/c=-2.14:

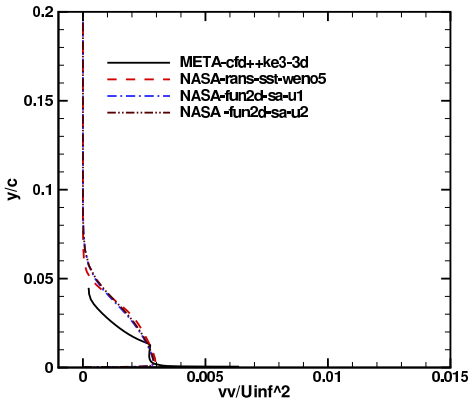


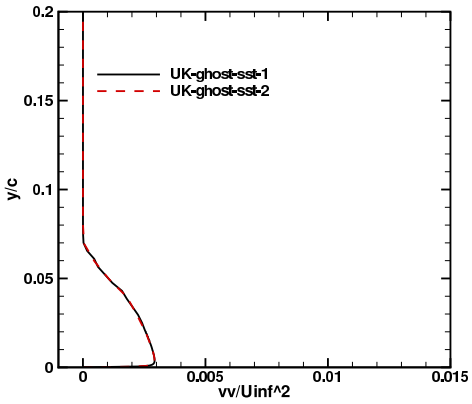




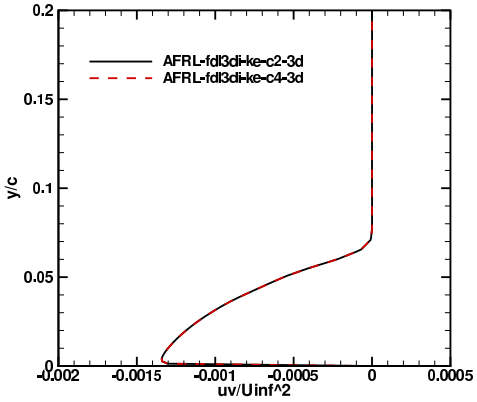
v'v' turbulent stress profiles
at x/c=-2.14:

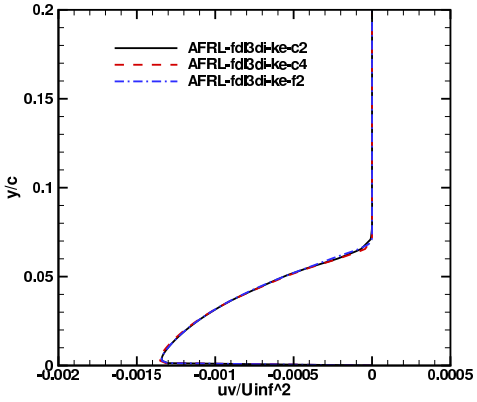


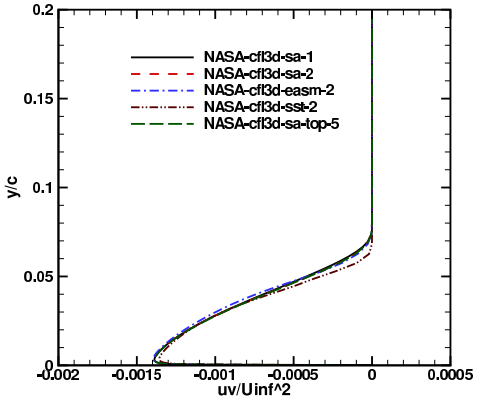




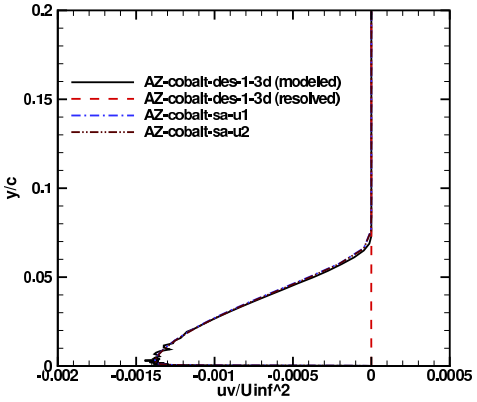
u'v' turbulent stress profiles
at x/c=-2.14:

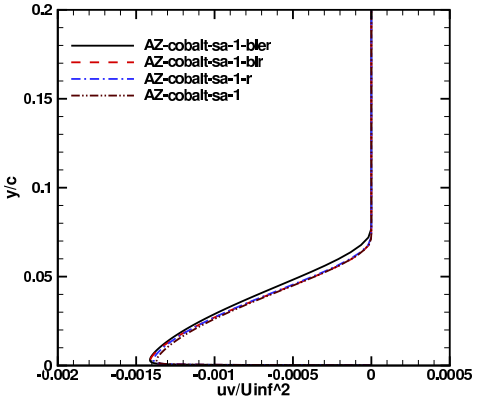


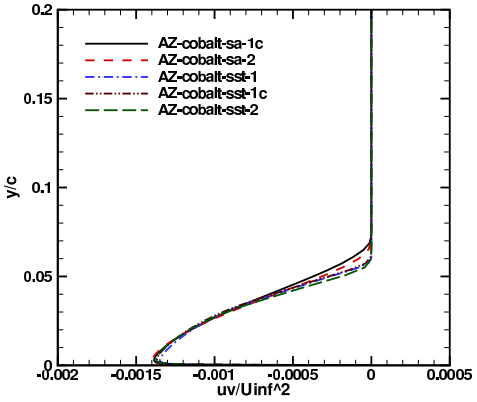




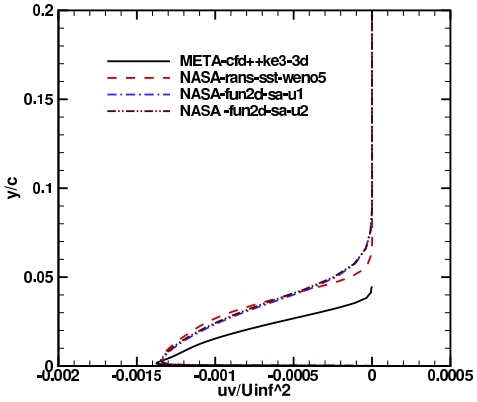
u'v' turbulent stress profiles
at x/c=-2.14 (cont'd):



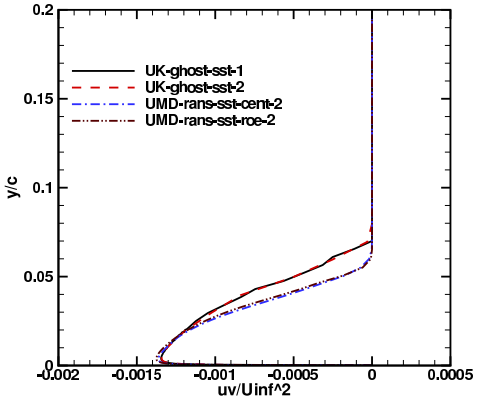


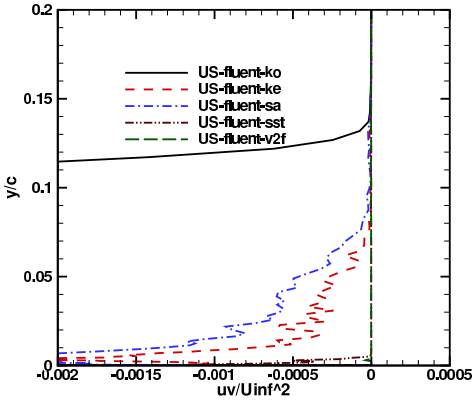


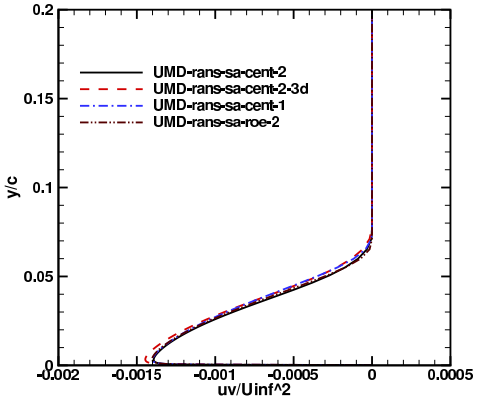
u'v' turbulent stress profiles
at x/c=-2.14 (cont'd):



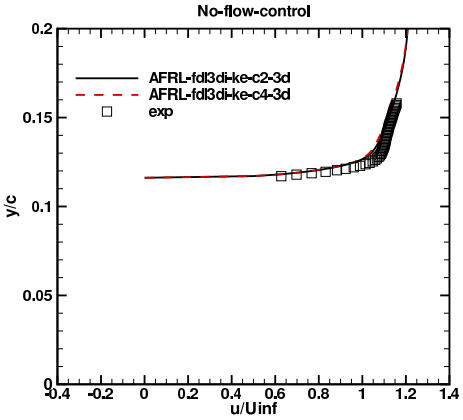
u'v' turbulent stress profiles
at x/c=-2.14 (cont'd):

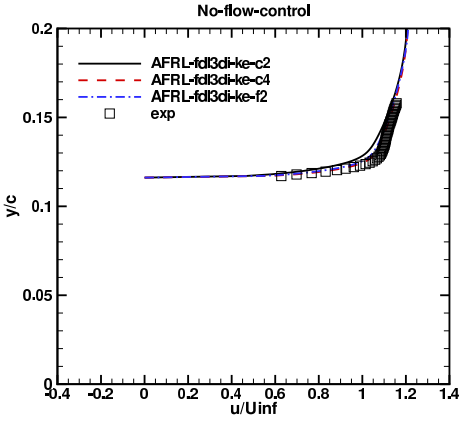


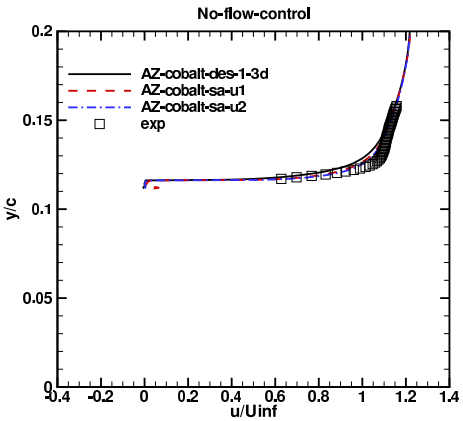




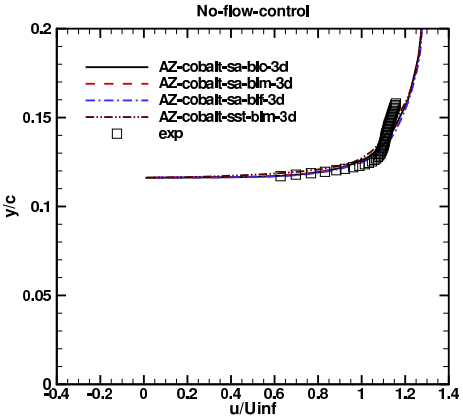
U-velocity profiles at x/c=0.65:

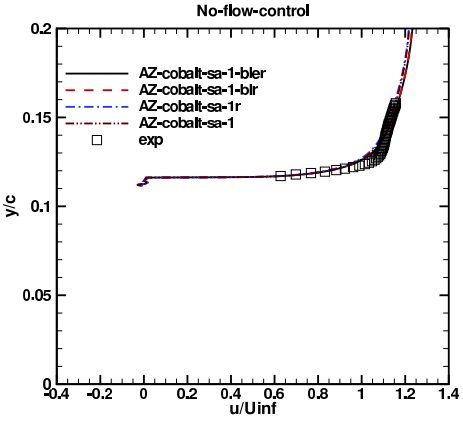


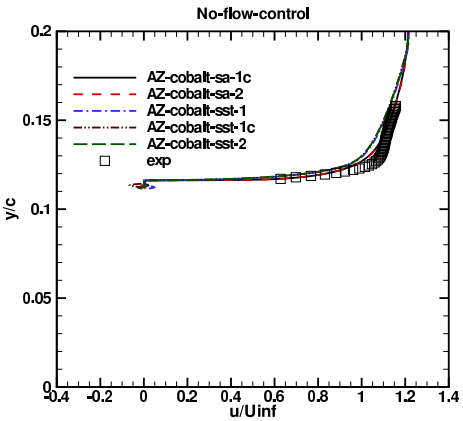




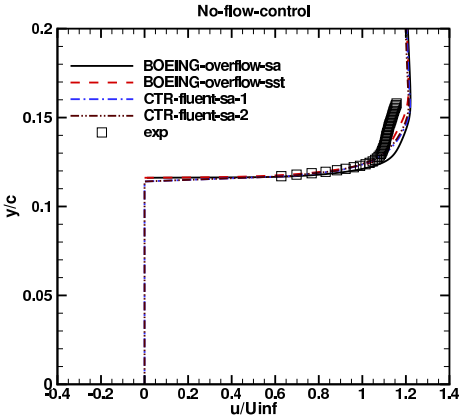
U-velocity profiles at x/c=0.65 (cont'd):

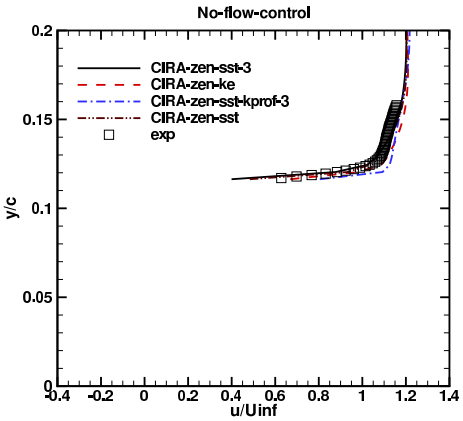


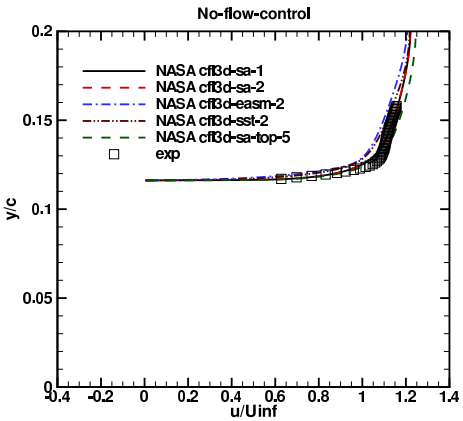




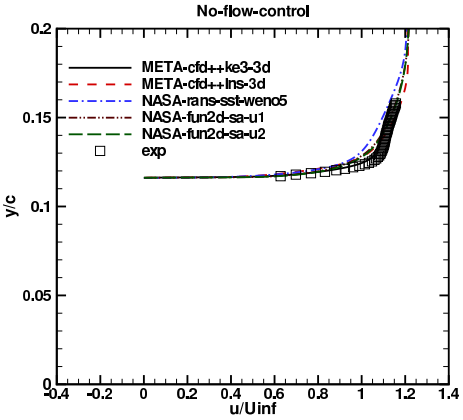
U-velocity profiles at x/c=0.65 (cont'd):

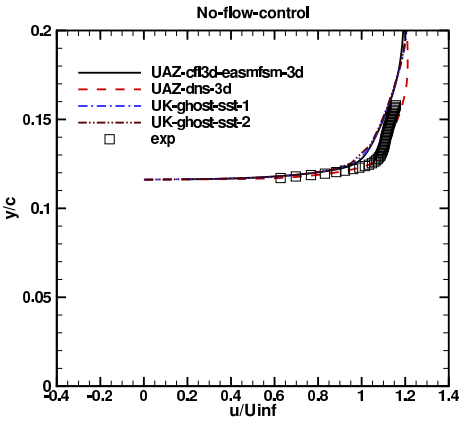


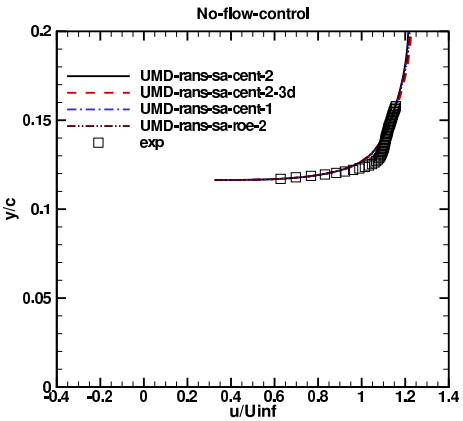




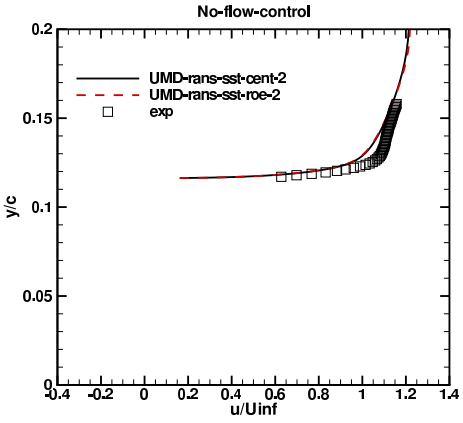
U-velocity profiles at x/c=0.65 (cont'd):

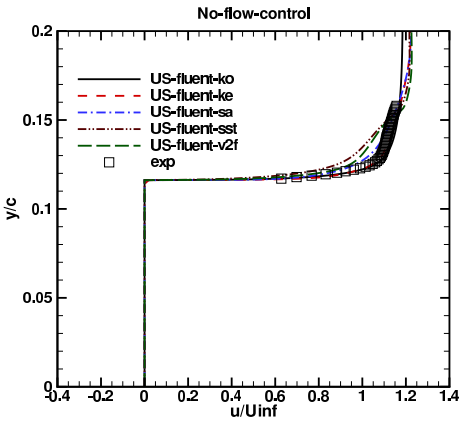




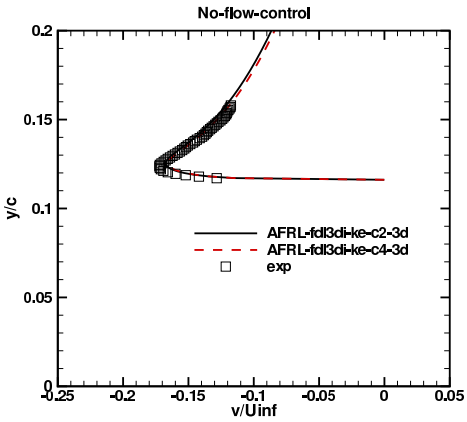


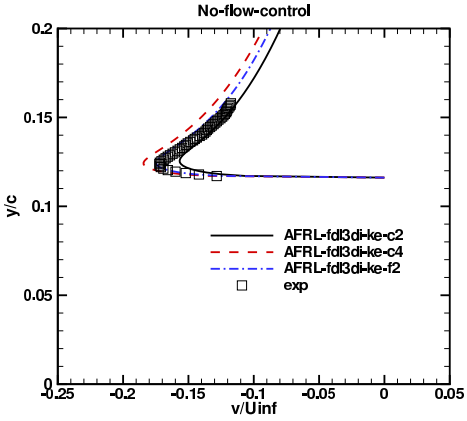
U-velocity profiles at x/c=0.65 (cont'd):

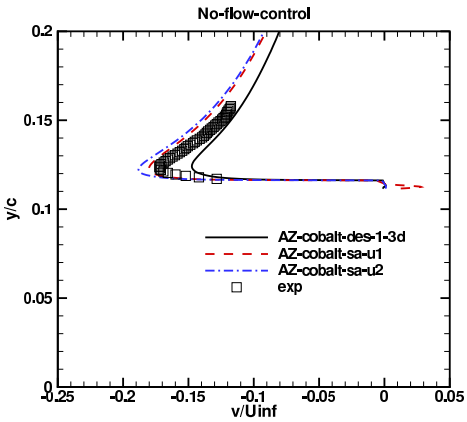




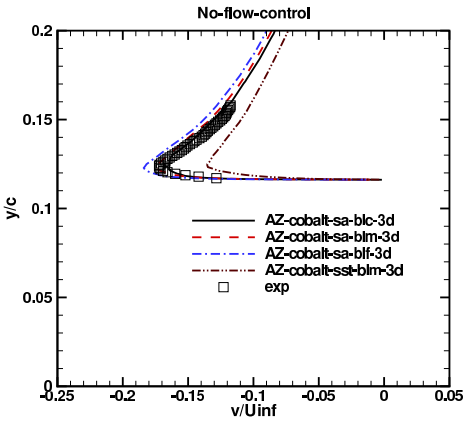
V-velocity profiles at x/c=0.65:

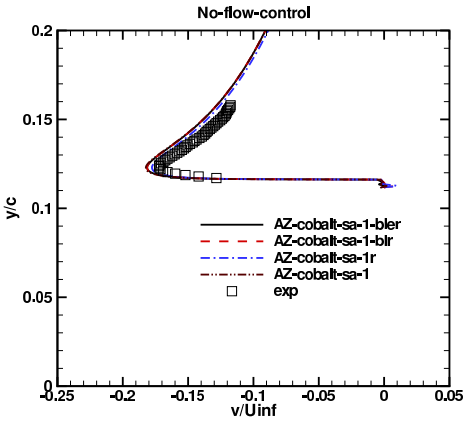


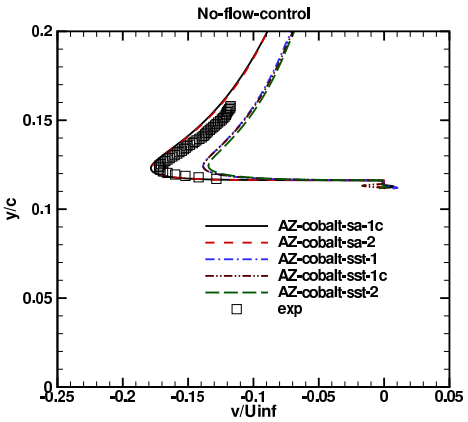




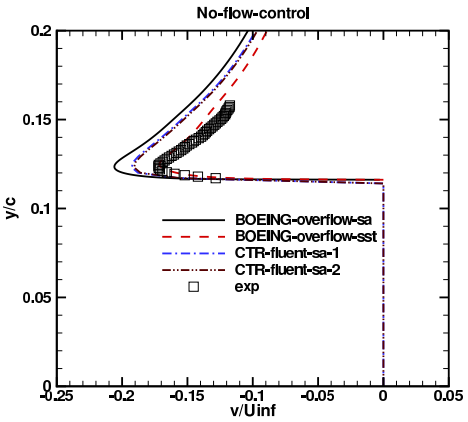
V-velocity profiles at x/c=0.65 (cont'd):

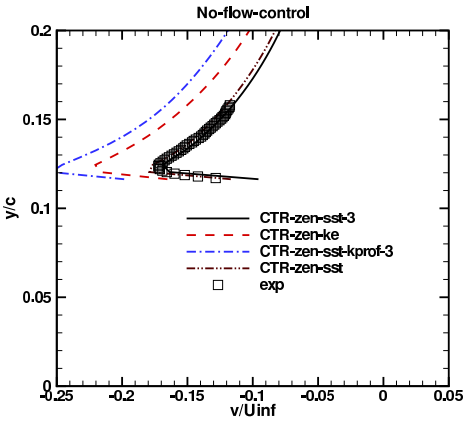


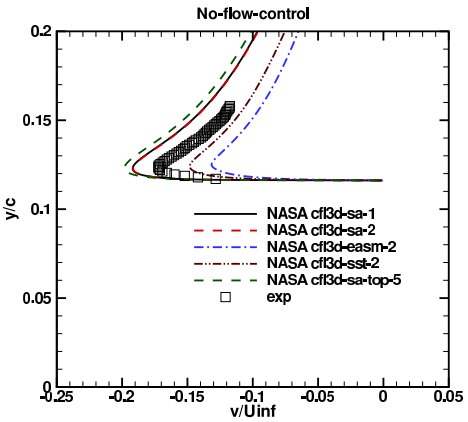




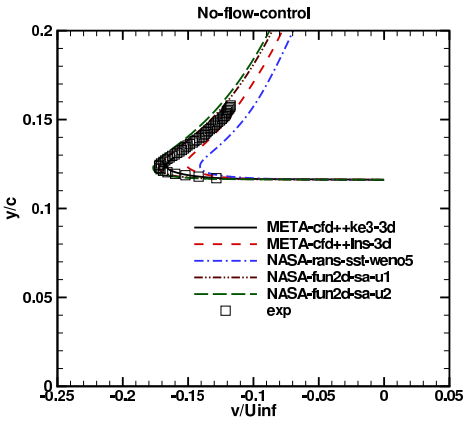
V-velocity profiles at x/c=0.65 (cont'd):

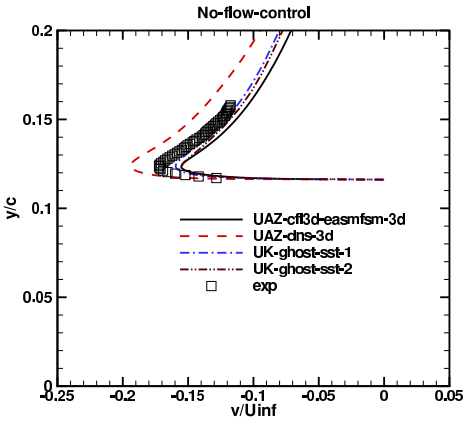


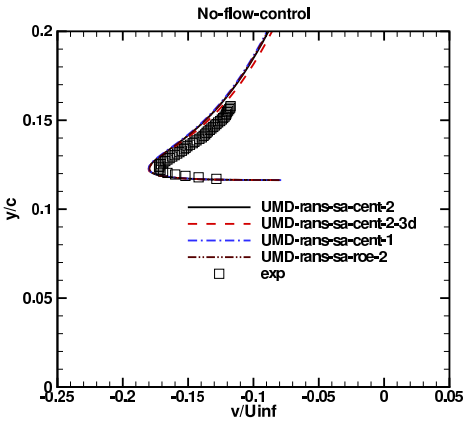




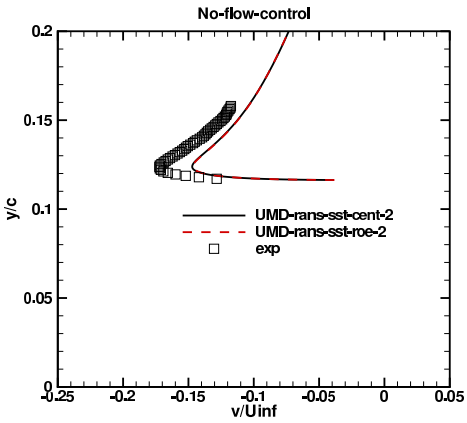
V-velocity profiles at x/c=0.65 (cont'd):

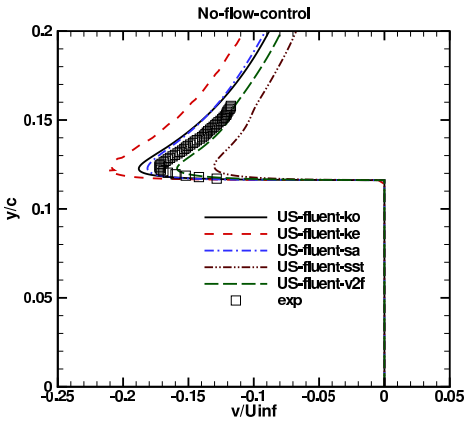




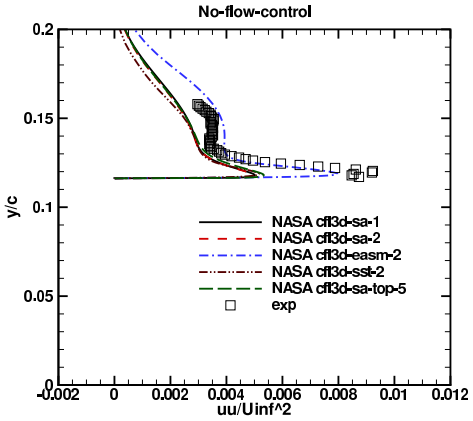


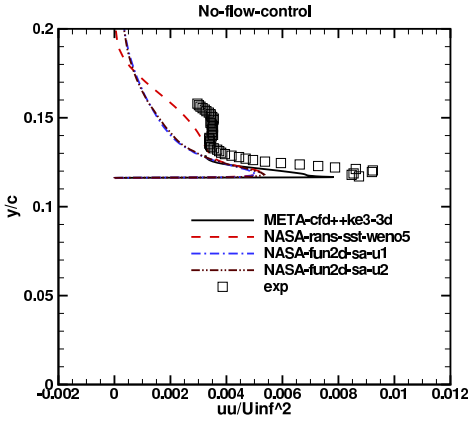
V-velocity profiles at x/c=0.65 (cont'd):

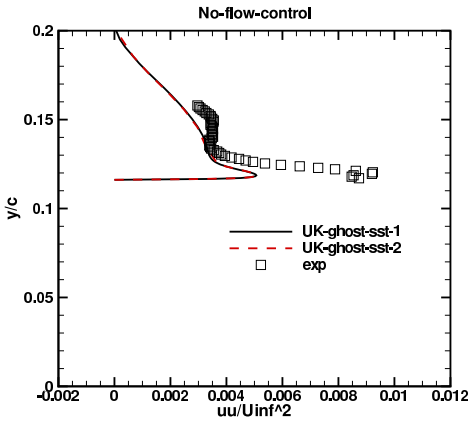




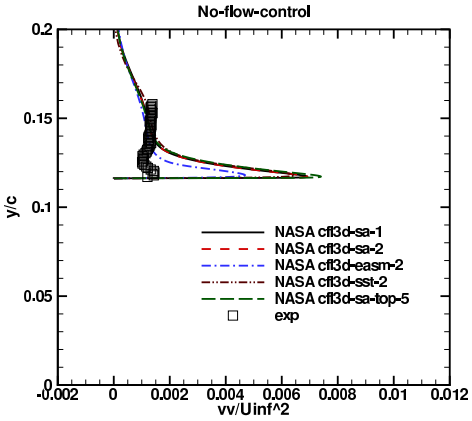
u'u' turbulent stress profiles
at x/c=0.65:

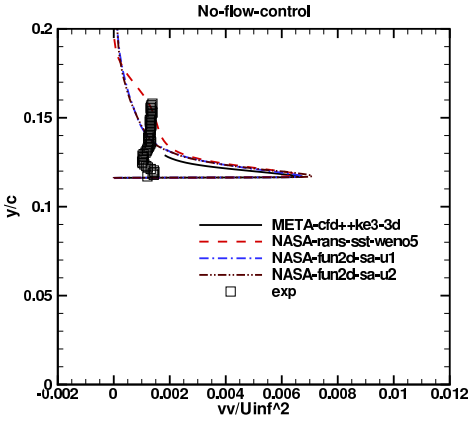


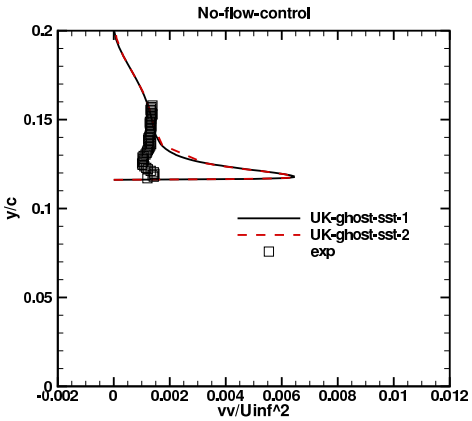




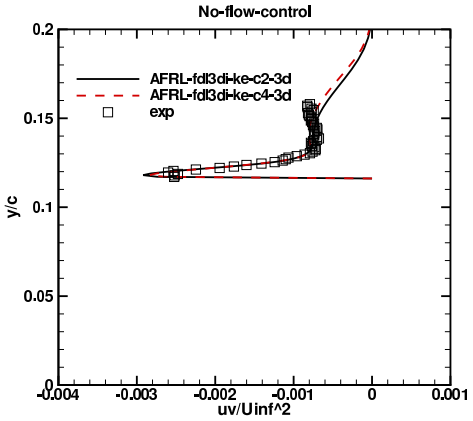
v'v' turbulent stress profiles
at x/c=0.65:

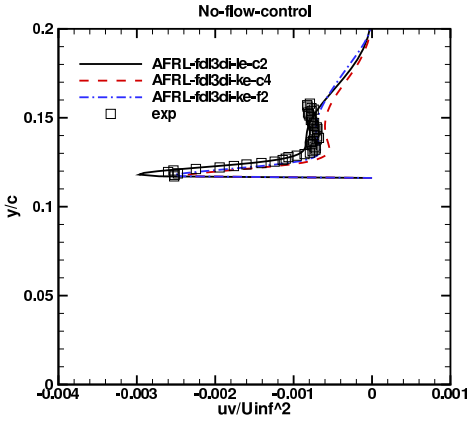


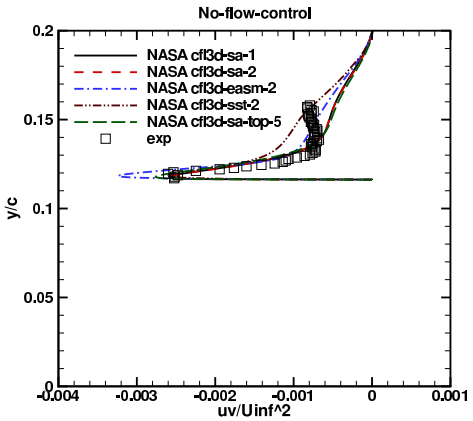




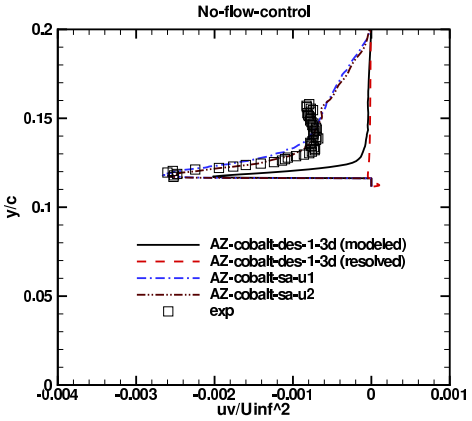
u'v' turbulent stress profiles
at x/c=0.65:

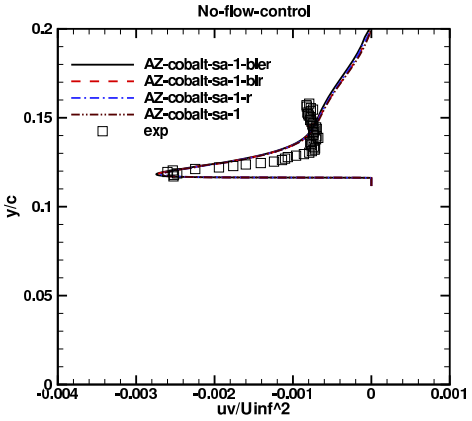


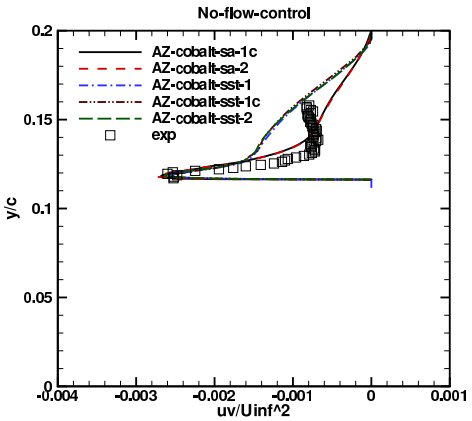




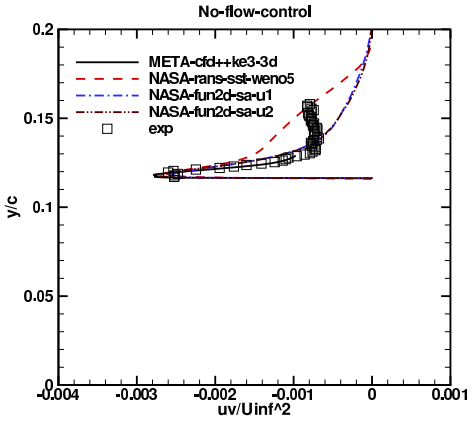
u'v' turbulent stress profiles
at x/c=0.65 (cont'd):



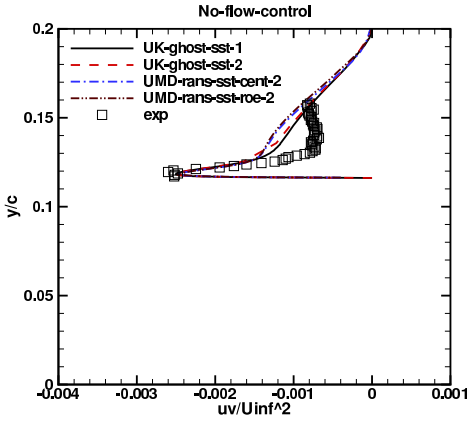


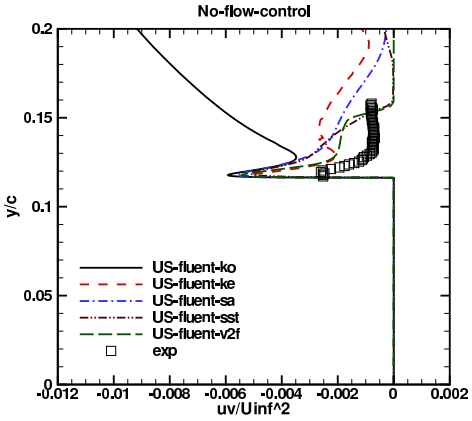


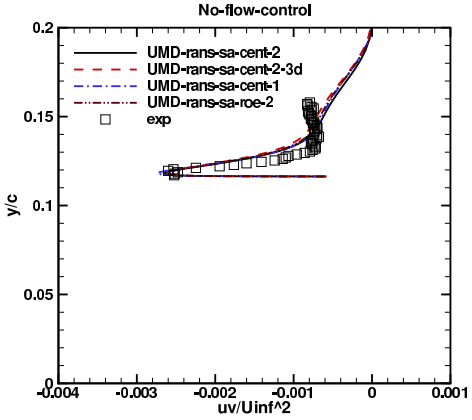
u'v' turbulent stress profiles
at x/c=0.65 (cont'd):



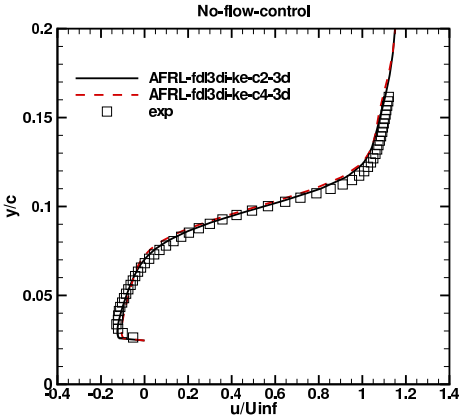
u'v' turbulent stress profiles
at x/c=0.65 (cont'd):

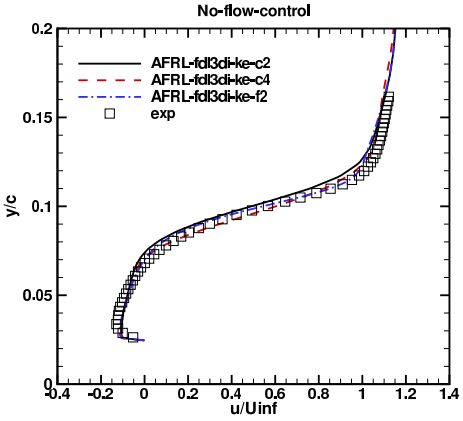


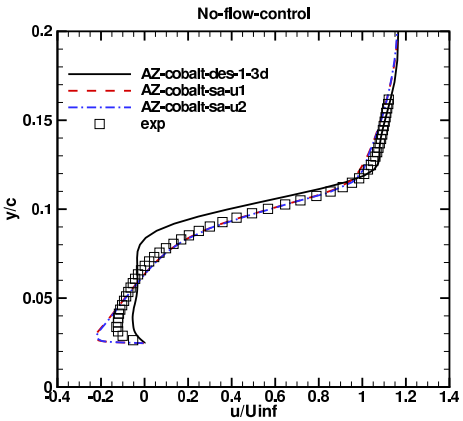




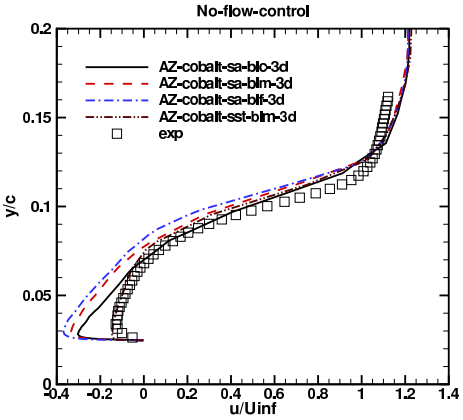
U-velocity profiles at x/c=0.8:

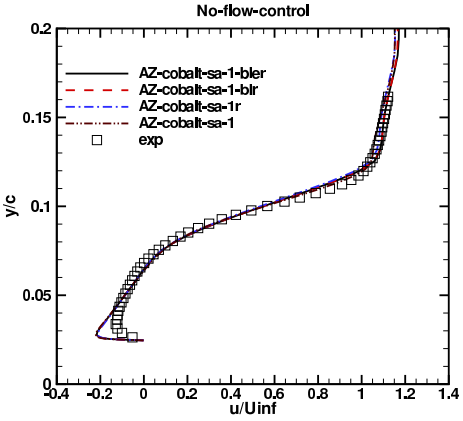


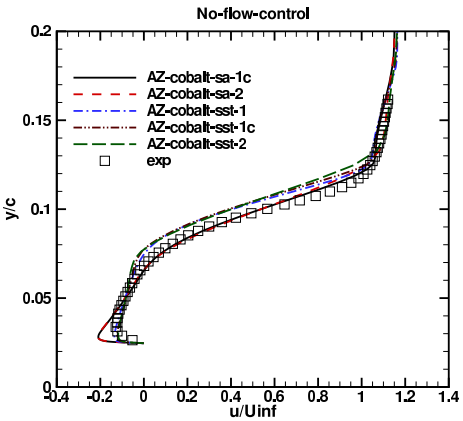




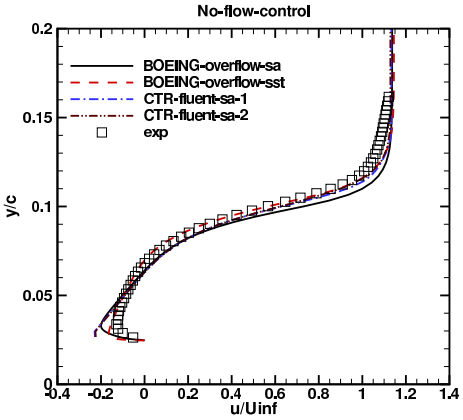
U-velocity profiles at x/c=0.8 (cont'd):

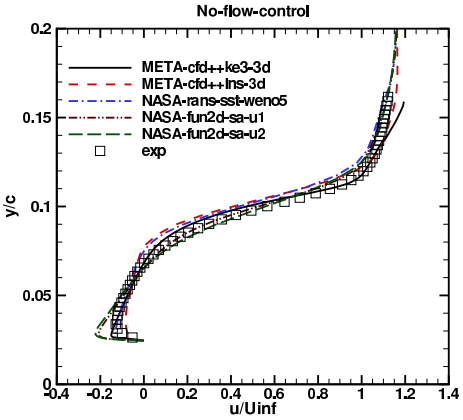


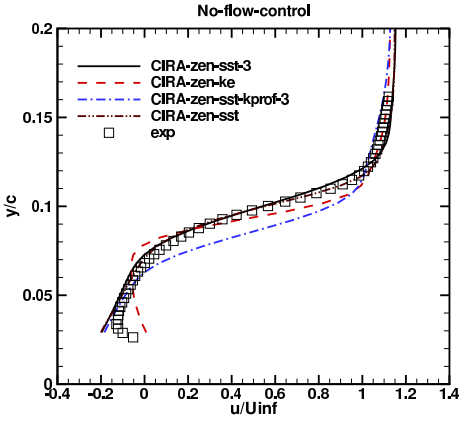


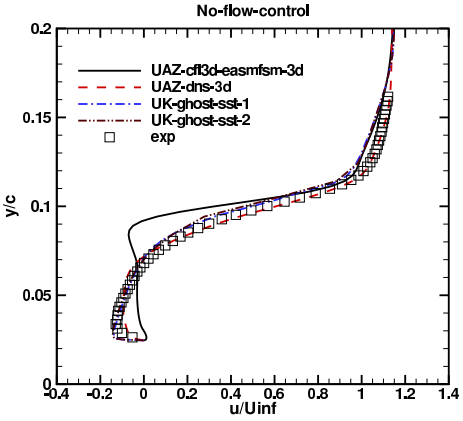


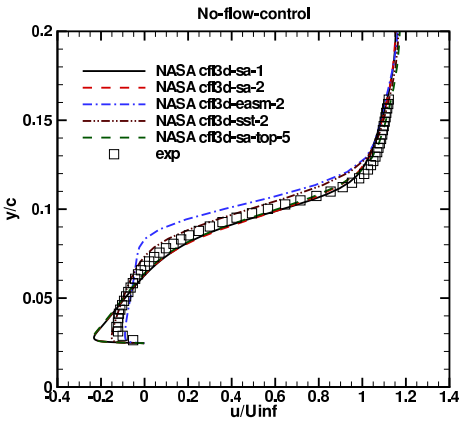
U-velocity profiles at x/c=0.8 (cont'd):

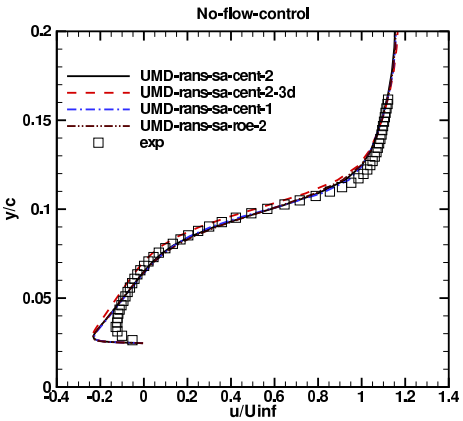




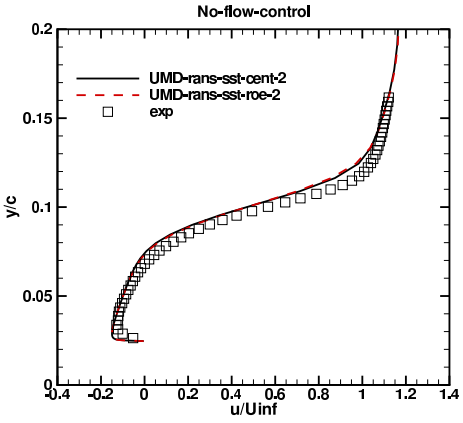


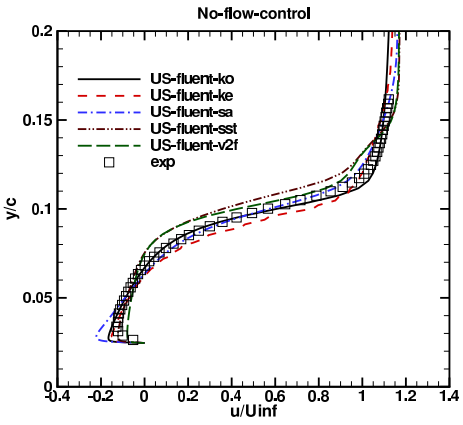




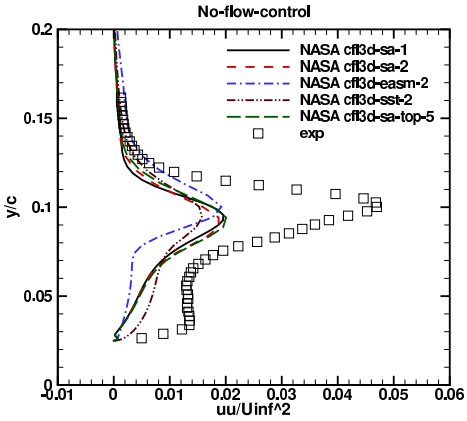


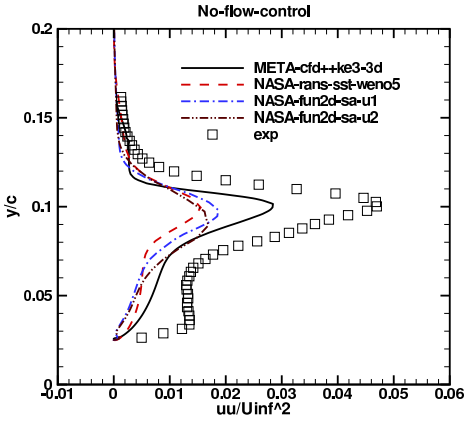
U-velocity profiles at x/c=0.8 (cont'd):

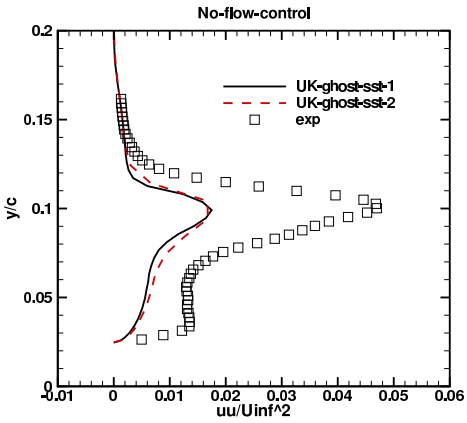




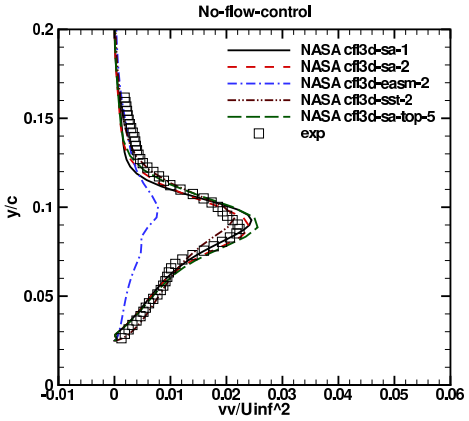
u'u' turbulent stress profiles at x/c=0.8:



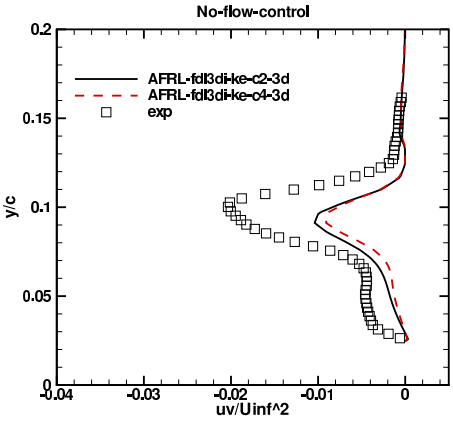


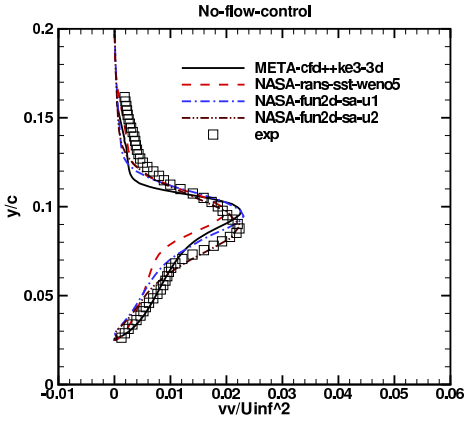


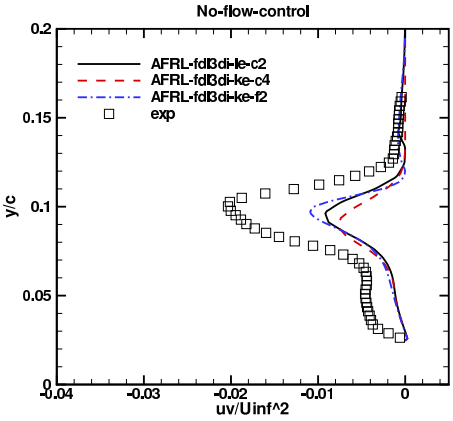
v'v' turbulent stress profiles
at x/c=0.8:

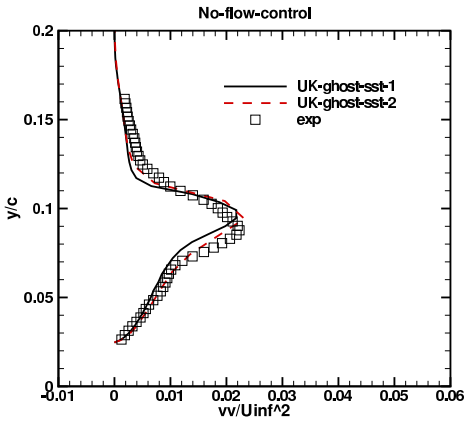


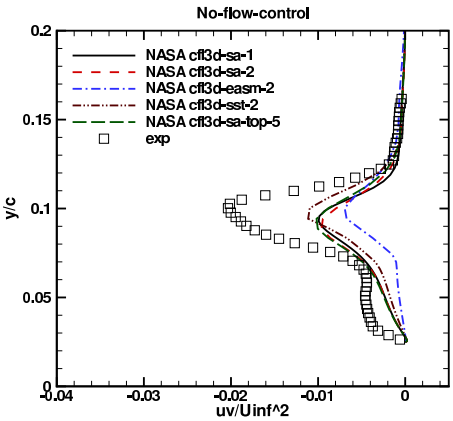
u'v' turbulent stress profiles
at x/c=0.8:



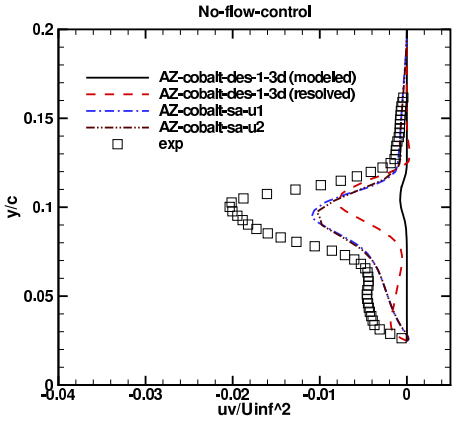


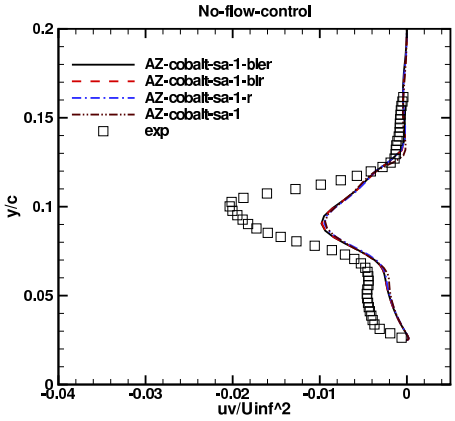


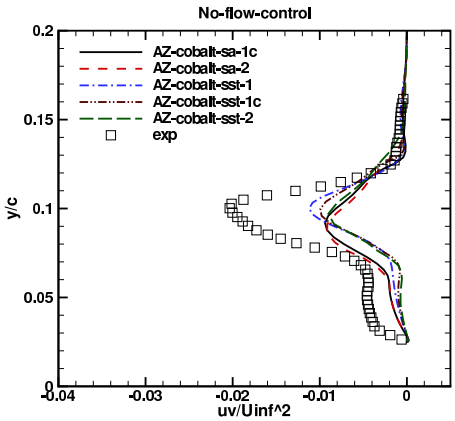




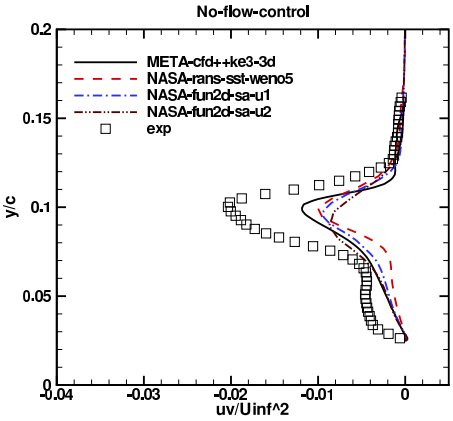
u'v' turbulent stress profiles
at x/c=0.8 (cont'd):

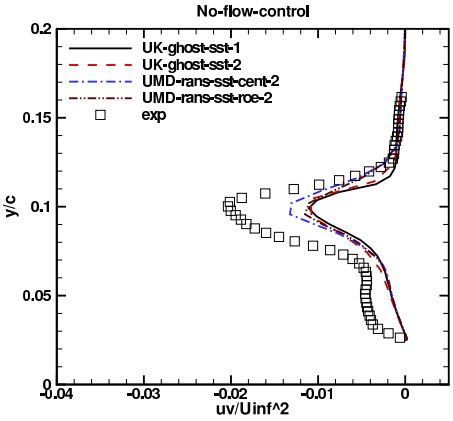


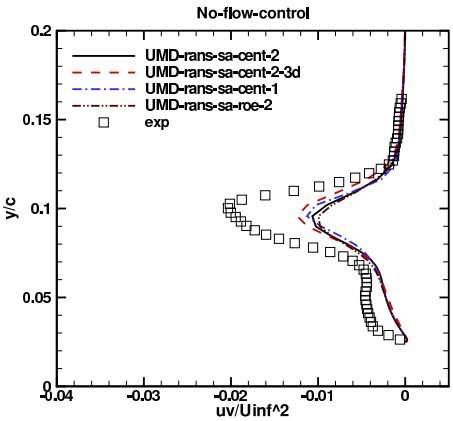




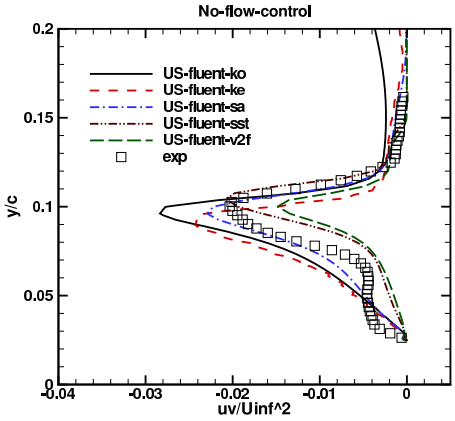
u'v' turbulent stress profiles
at x/c=0.8 (cont'd):



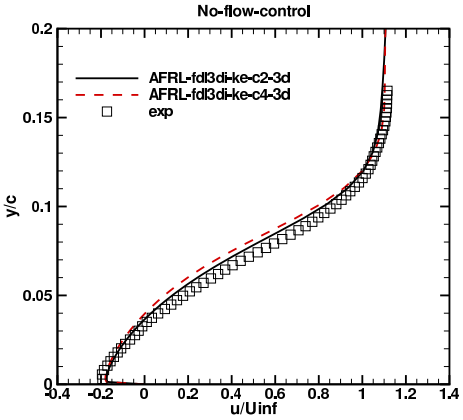


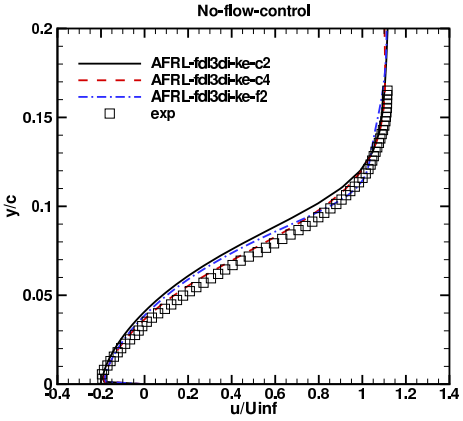


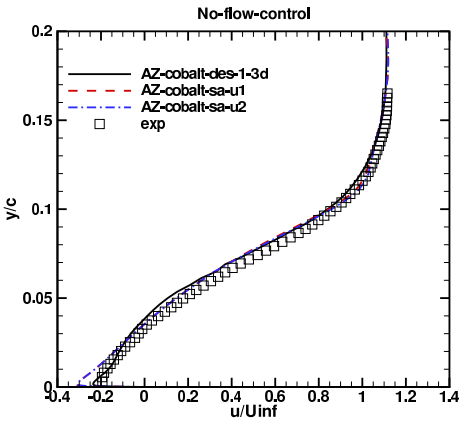
u'v' turbulent stress profiles
at x/c=0.8 (cont'd):



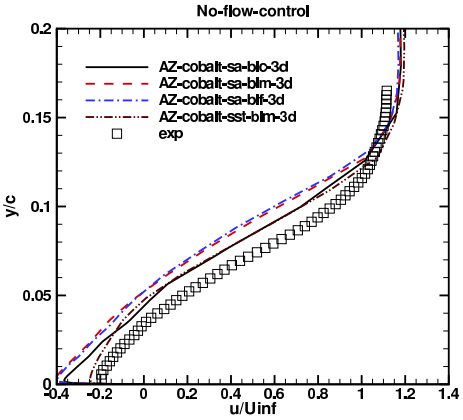
U-velocity profiles at x/c=1.0:

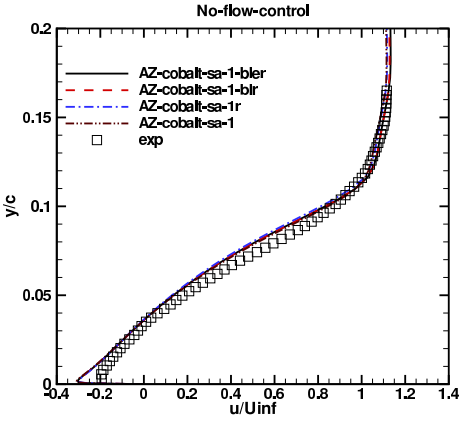


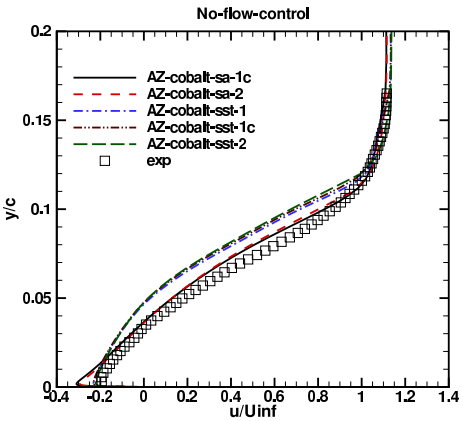




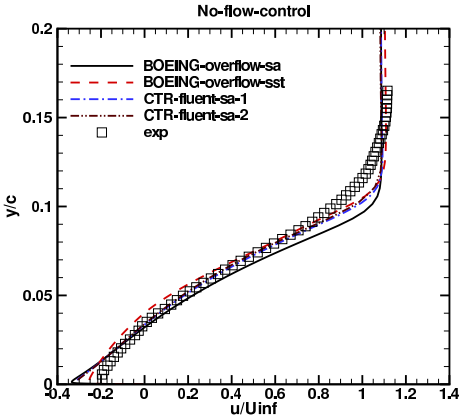
U-velocity profiles at x/c=1.0 (cont'd):

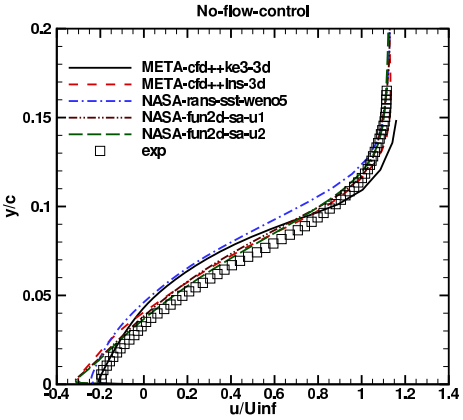


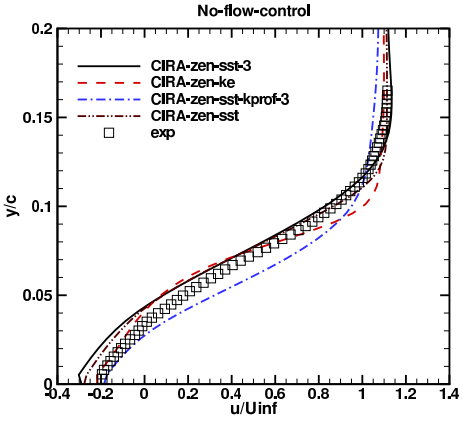


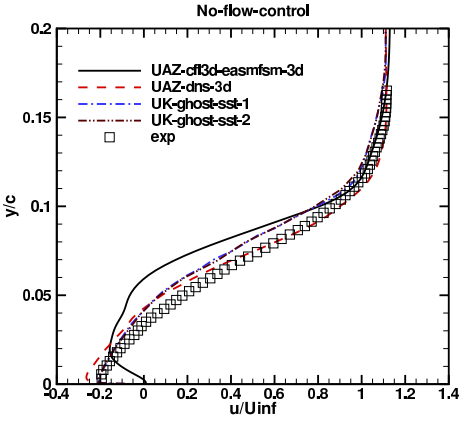


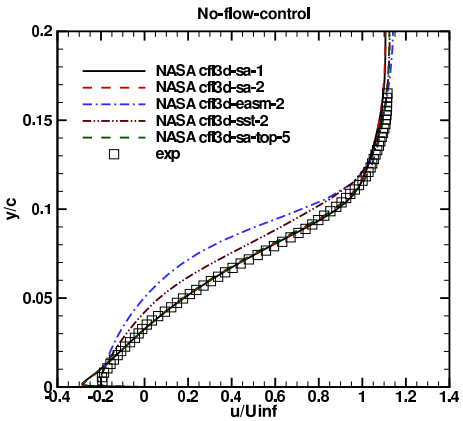
U-velocity profiles at x/c=1.0 (cont'd):

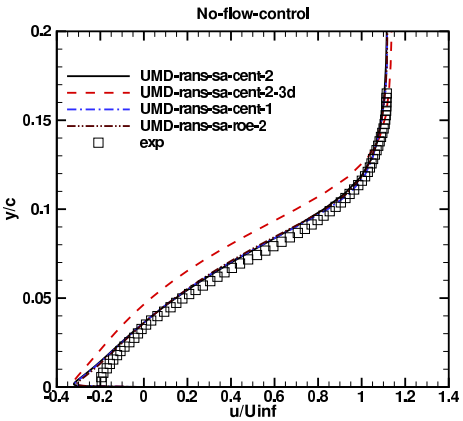




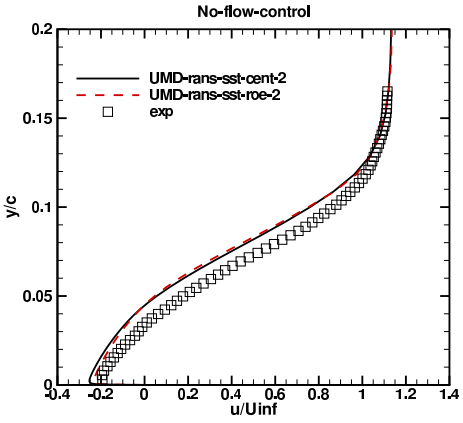


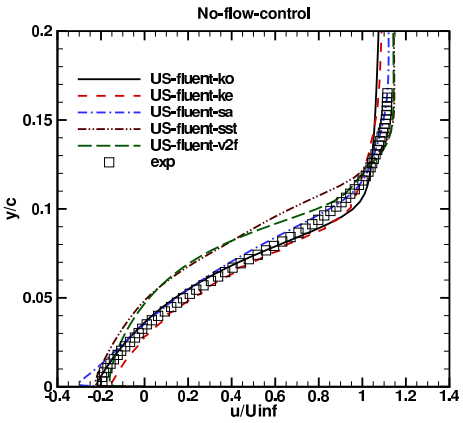




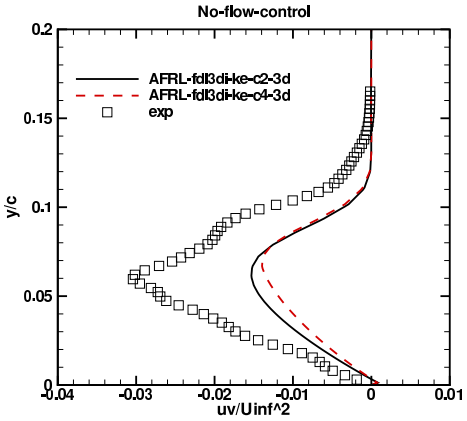


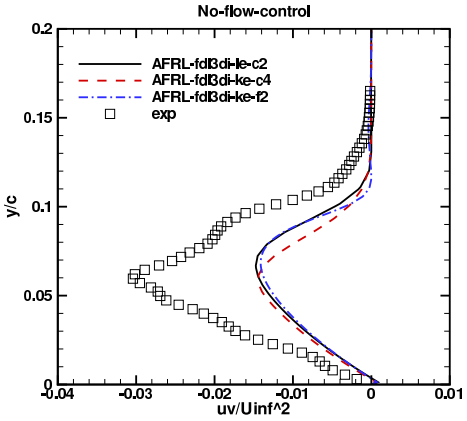
U-velocity profiles at x/c=1.0 (cont'd):

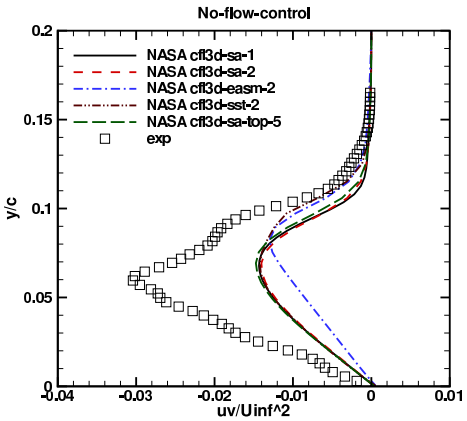




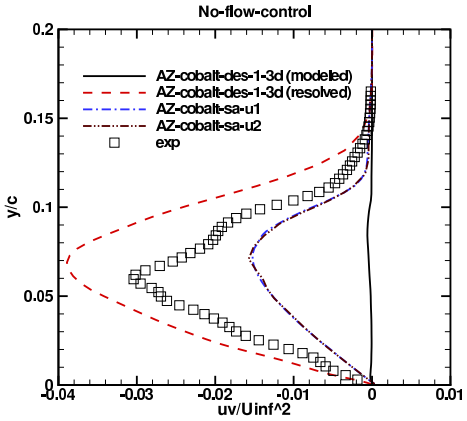
u'v' turbulent stress profiles at x/c=1.0:

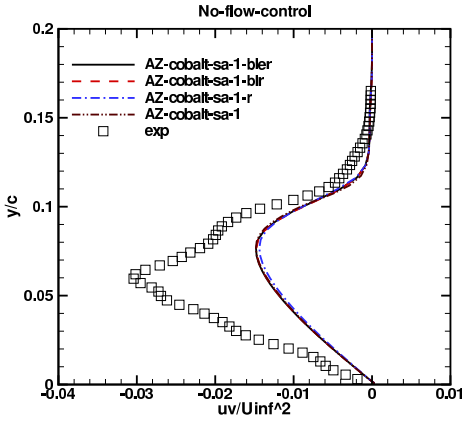


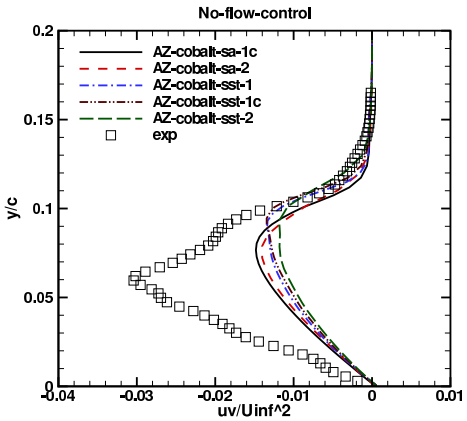




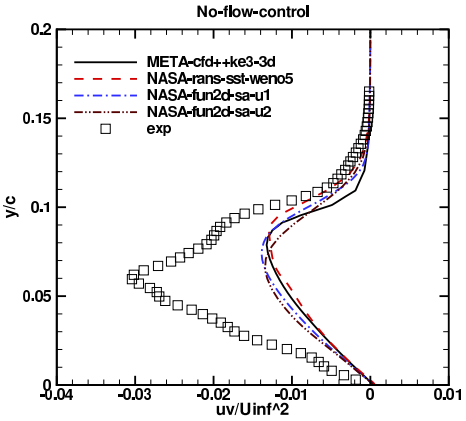
u'v' turbulent stress profiles
at x/c=1.0 (cont'd):

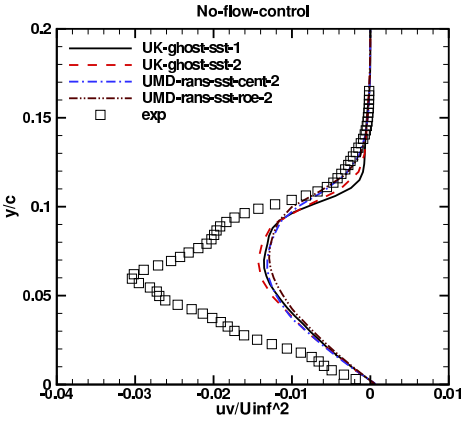


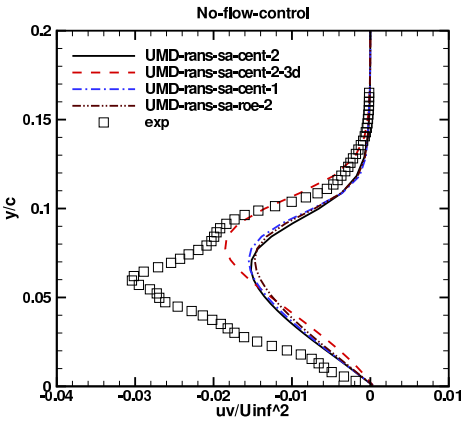




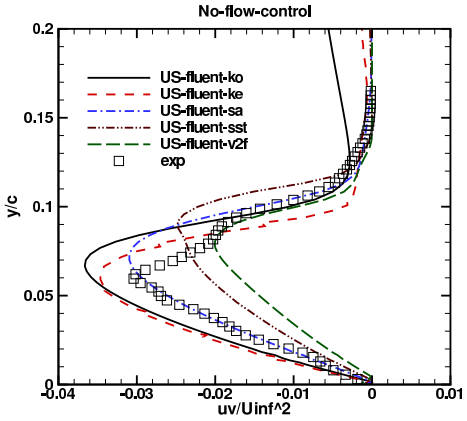
u'v' turbulent stress profiles
at x/c=1.0 (cont'd):



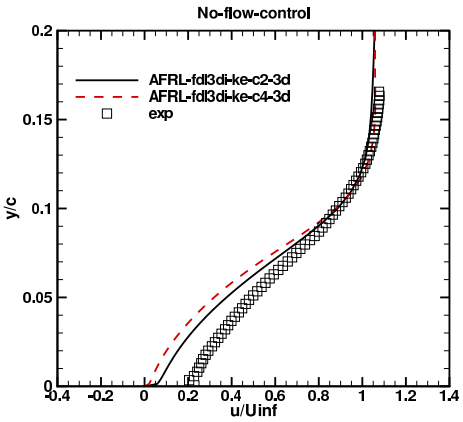


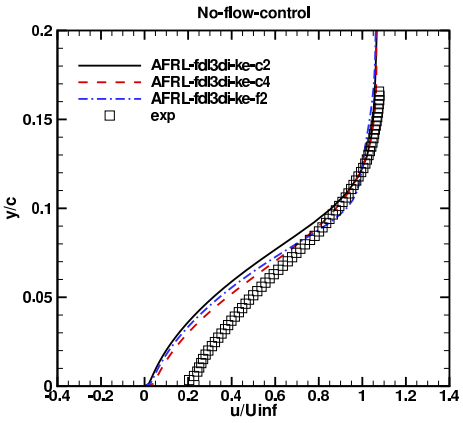


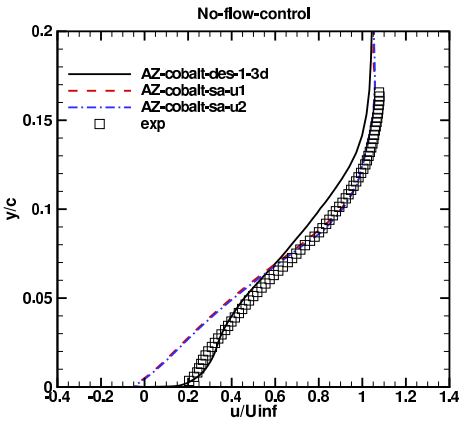
u'v' turbulent stress profiles
at x/c=1.0 (cont'd):



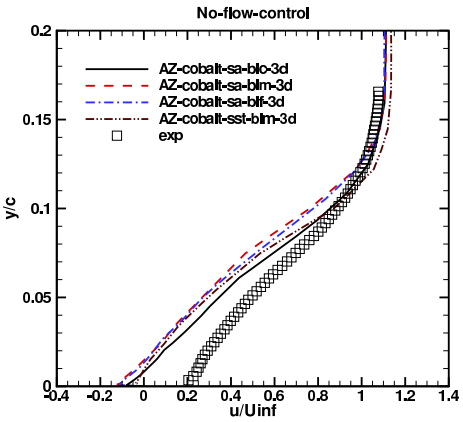
U-velocity profiles at x/c=1.2:

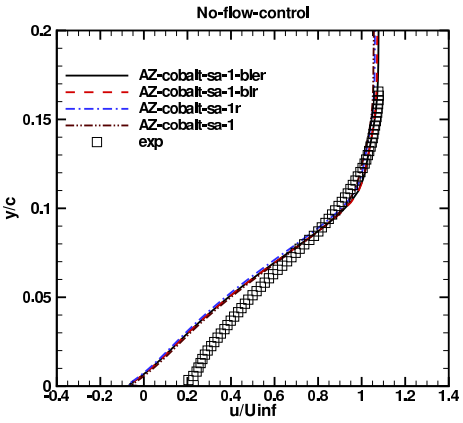


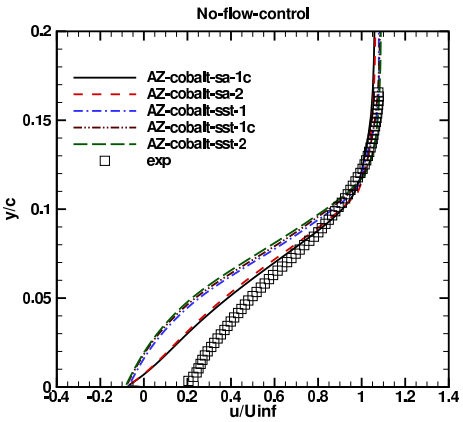




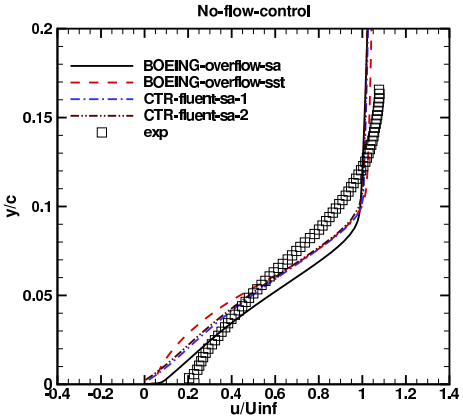
U-velocity profiles at x/c=1.2 (cont'd):

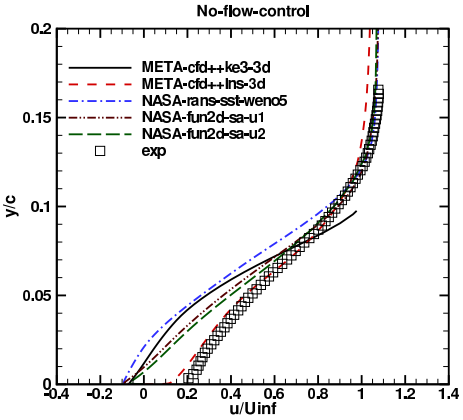


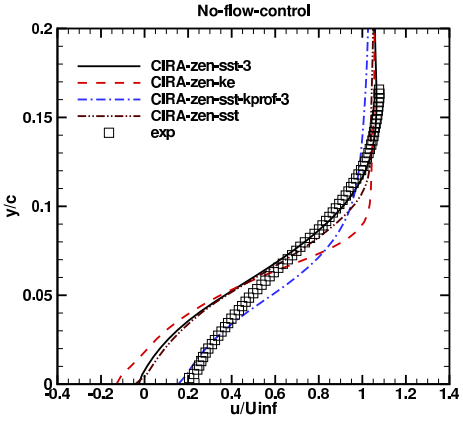


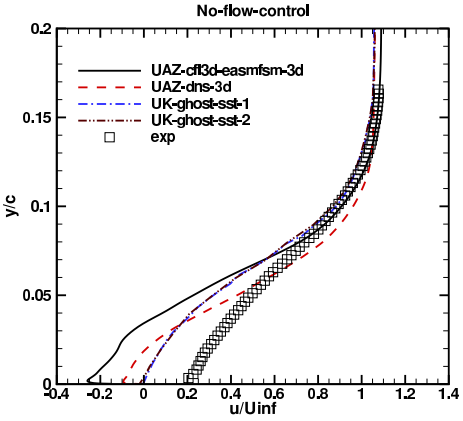


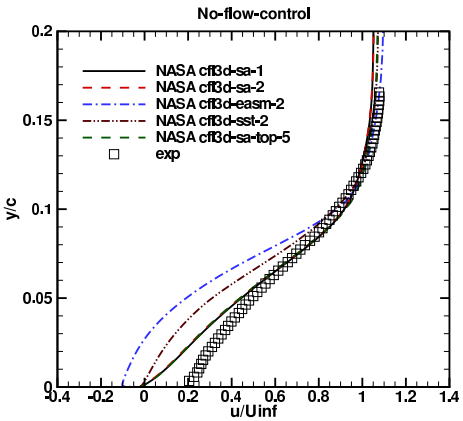
U-velocity profiles at x/c=1.2 (cont'd):

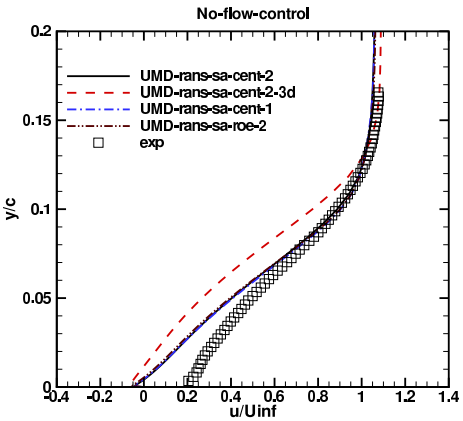




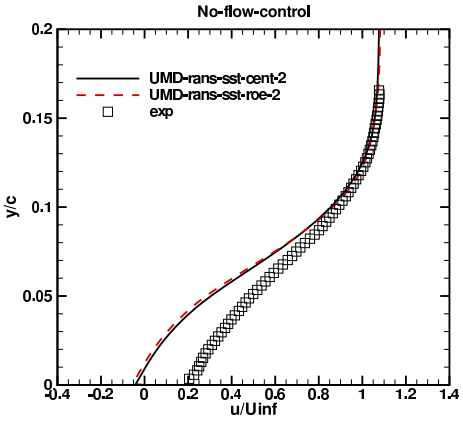


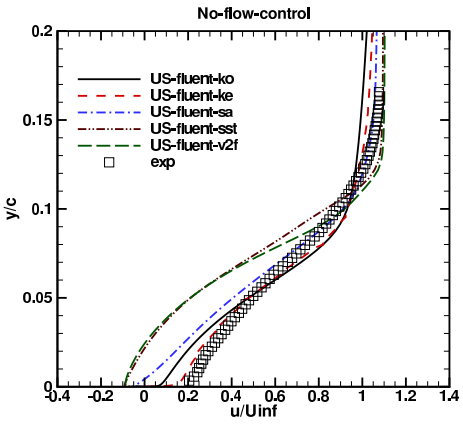




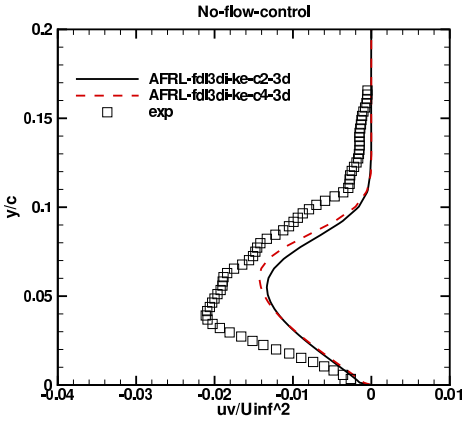


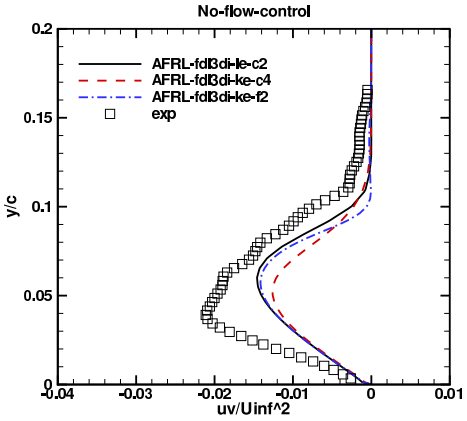
U-velocity profiles at x/c=1.2 (cont'd):

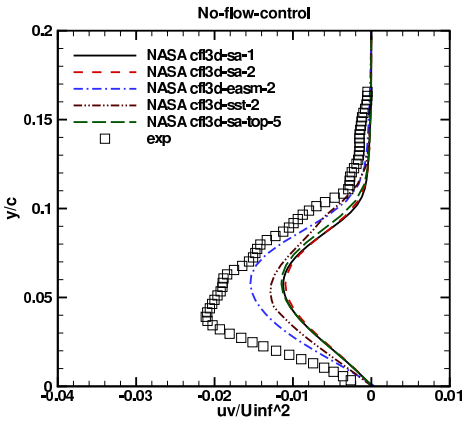




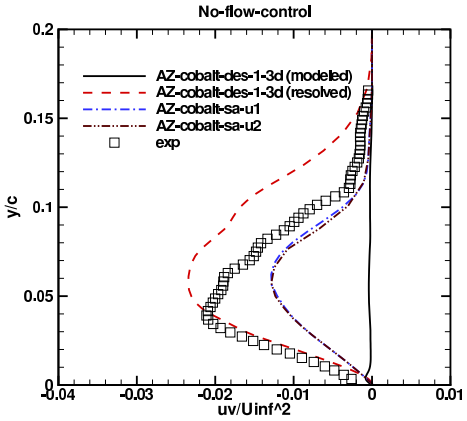
u'v' turbulent stress profiles at x/c=1.2:

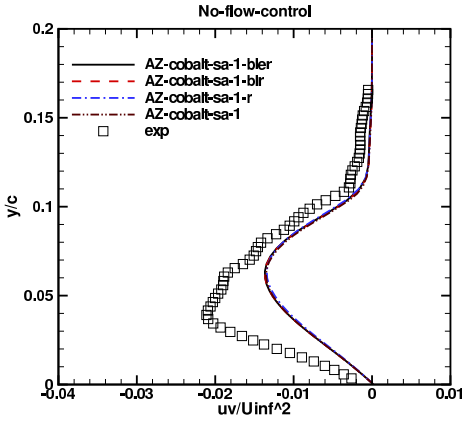


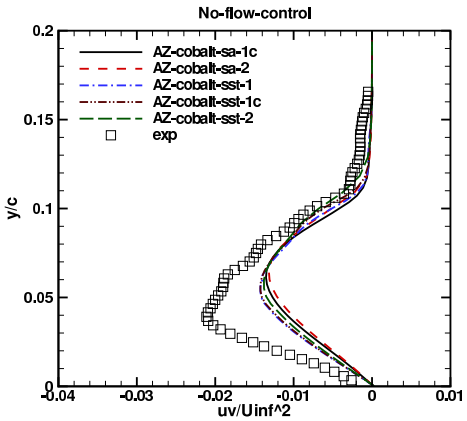




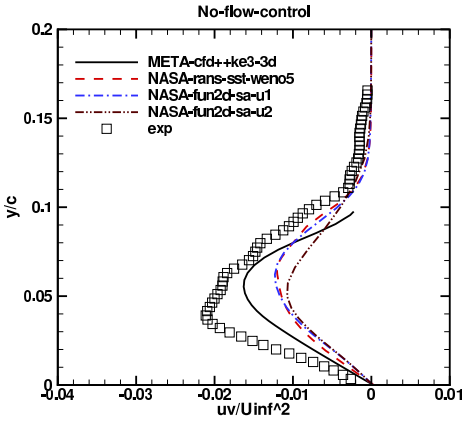
u'v' turbulent stress profiles
at x/c=1.2 (cont'd):

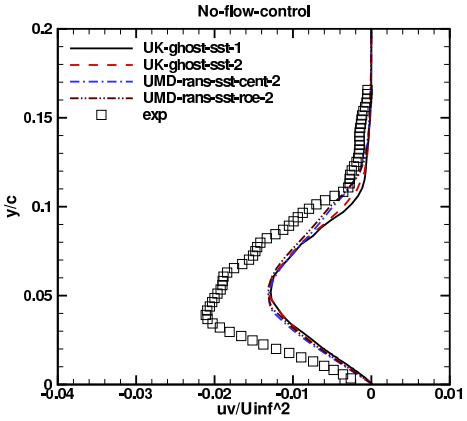


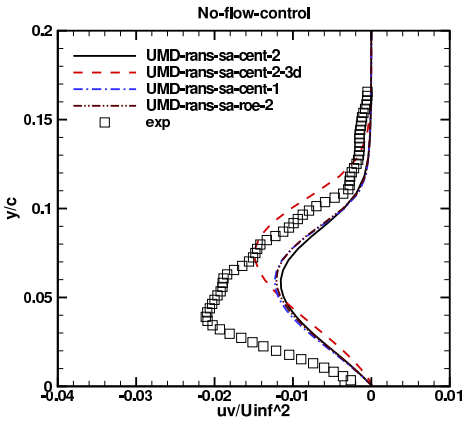




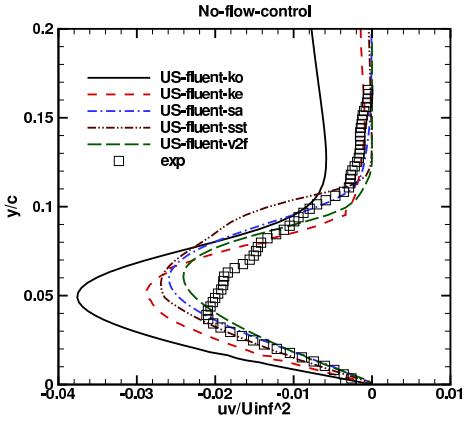
u'v' turbulent stress profiles
at x/c=1.2 (cont'd):



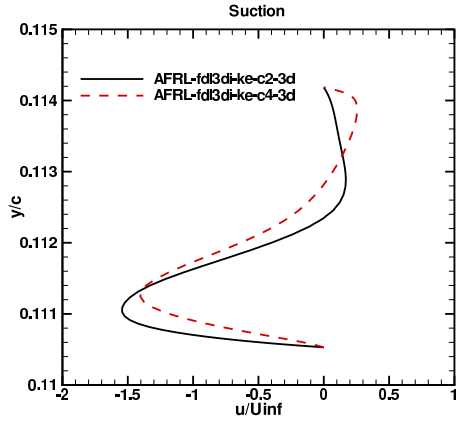


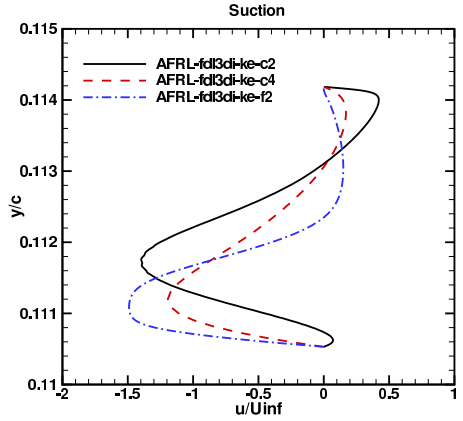


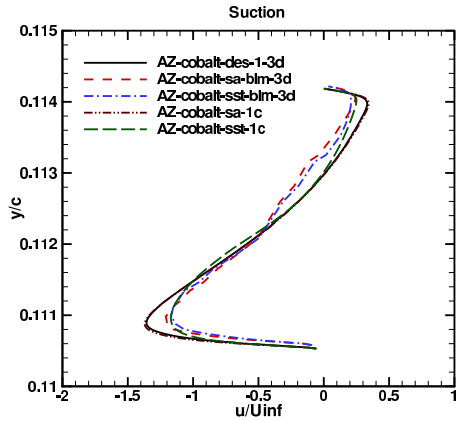
u'v' turbulent stress profiles
at x/c=1.2 (cont'd):



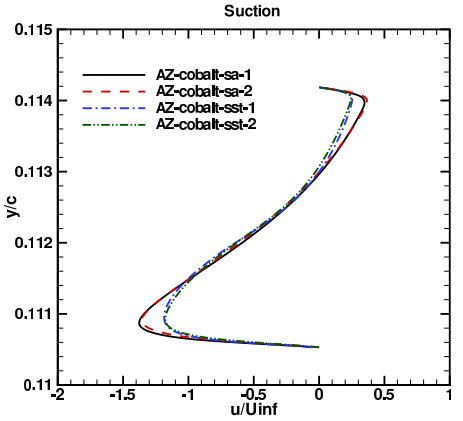
Suction-case U-velocity profiles inside slot at x/c=0.647:

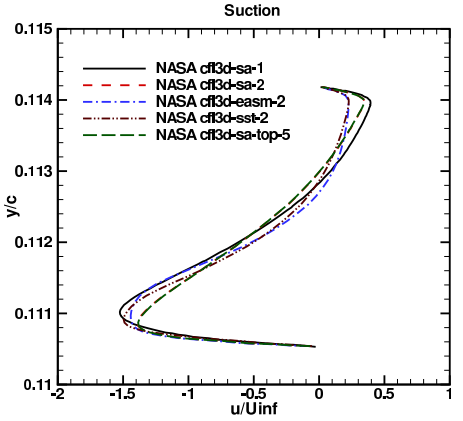


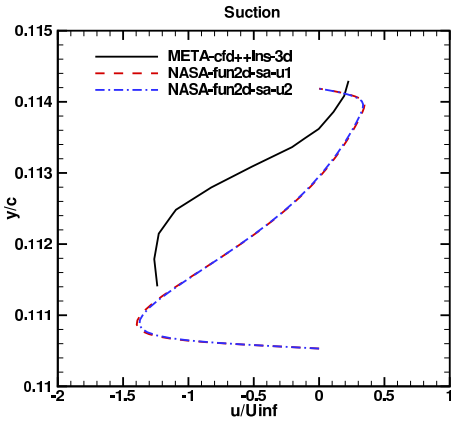




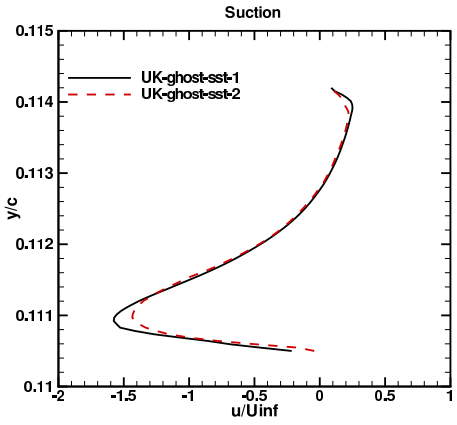
Suction-case U-velocity profiles inside slot at x/c=0.647 (cont'd):



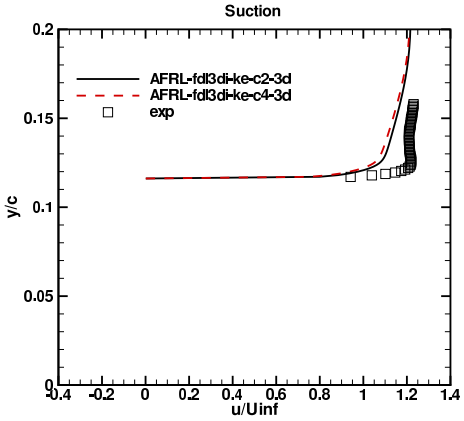


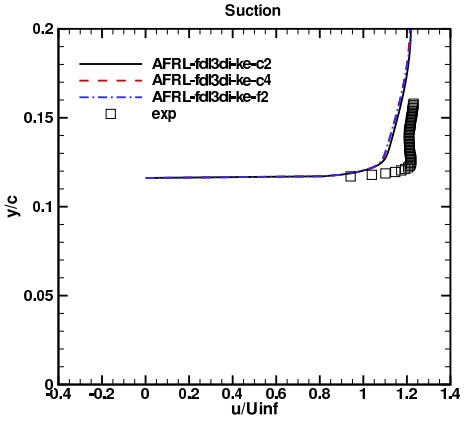


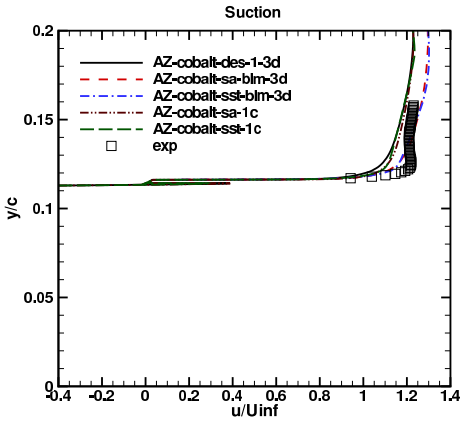
Suction-case U-velocity profiles inside slot at x/c=0.647 (cont'd):



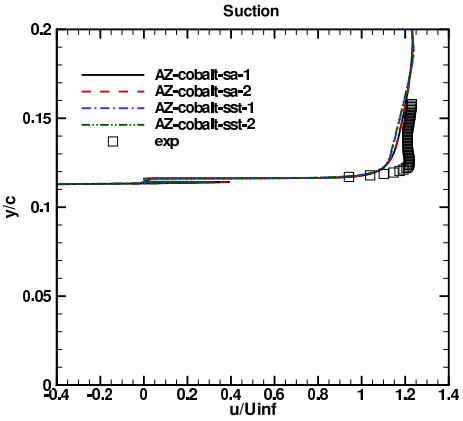
Suction-case U-velocity profiles at x/c=0.65:

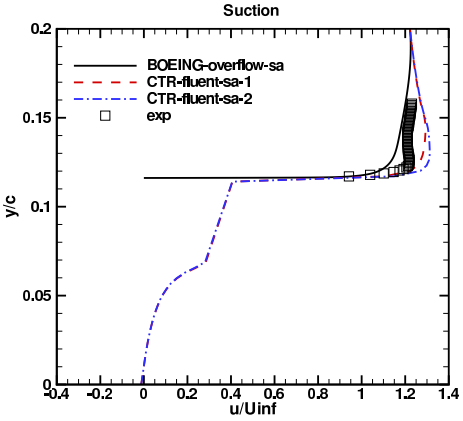


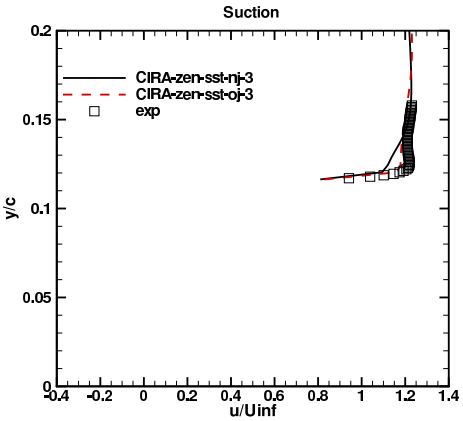




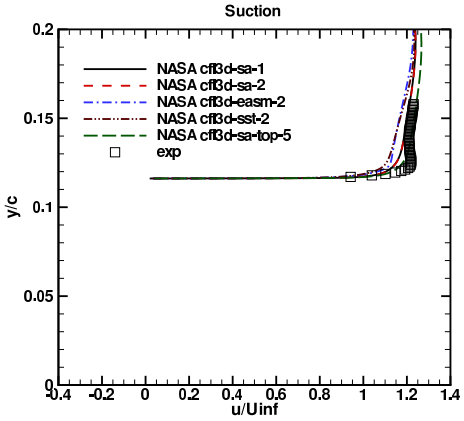
Suction-case U-velocity profiles at x/c=0.65 (cont'd):

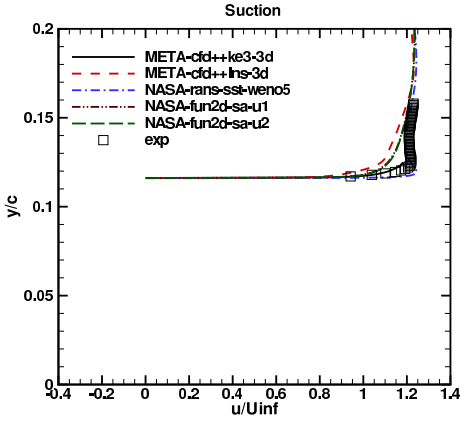


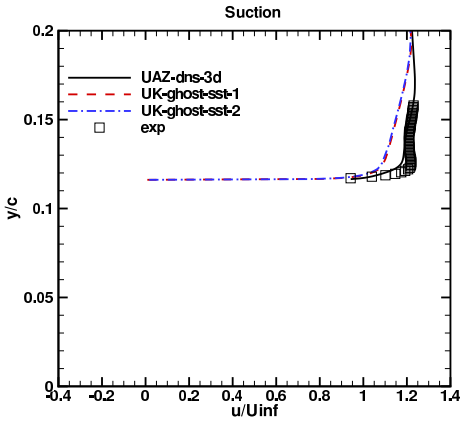




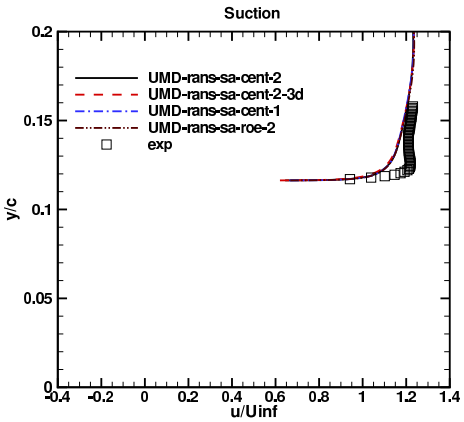
Suction-case U-velocity profiles
at x/c=0.65 (cont'd):

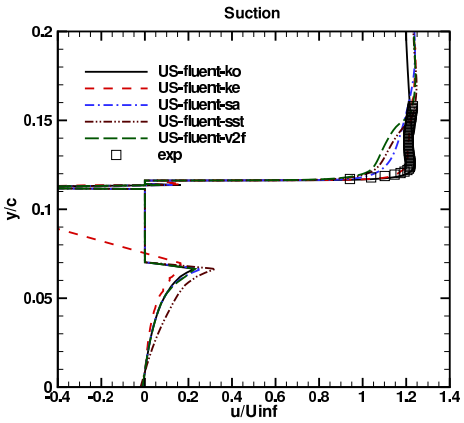




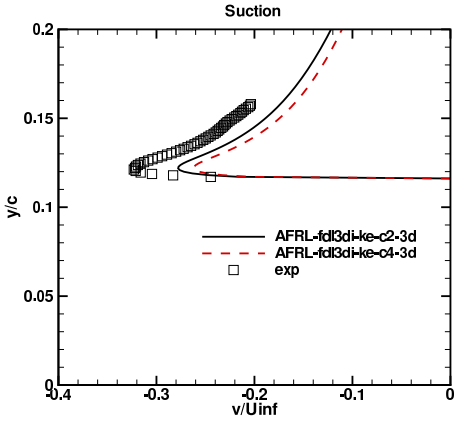


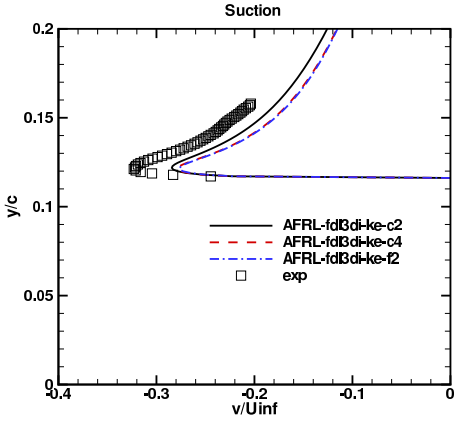
Suction-case U-velocity profiles
at x/c=0.65 (cont'd):

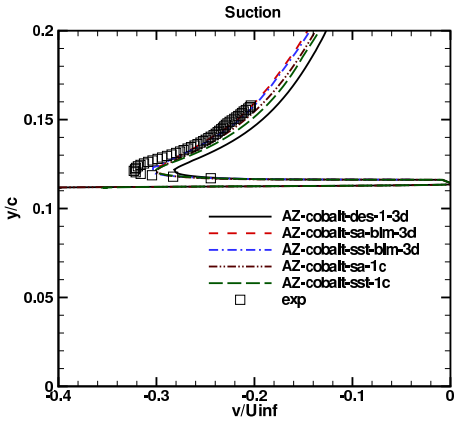




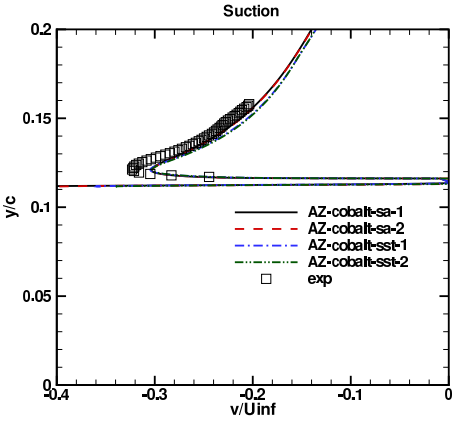
Suction-case V-velocity profiles at x/c=0.65:

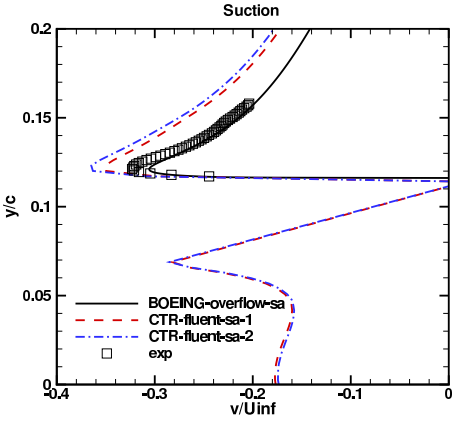


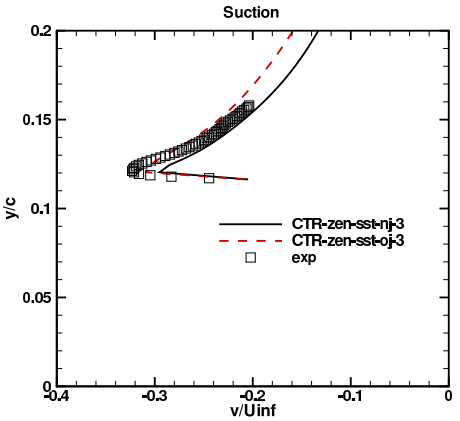




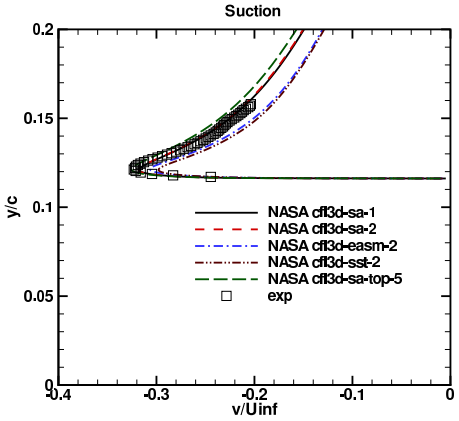
Suction-case V-velocity profiles at x/c=0.65 (cont'd):

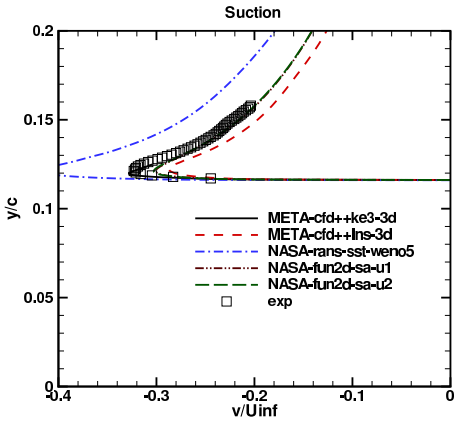


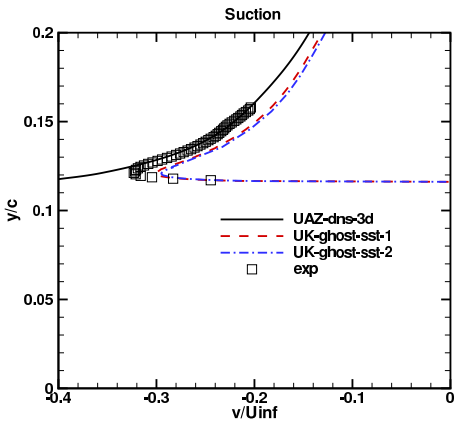




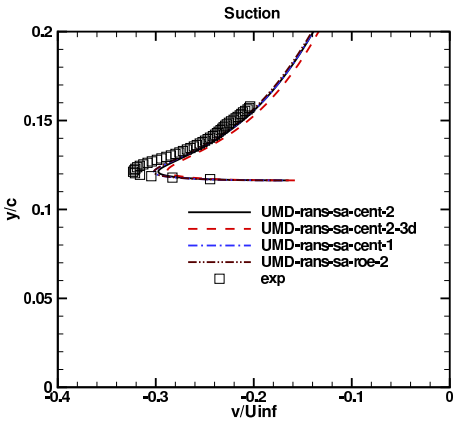
Suction-case V-velocity profiles
at x/c=0.65 (cont'd):

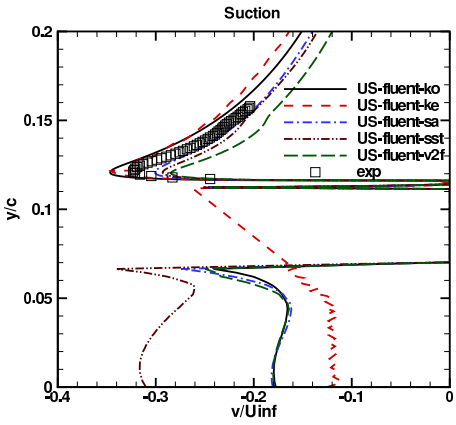




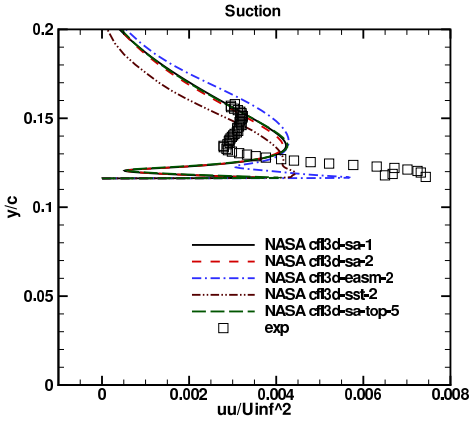


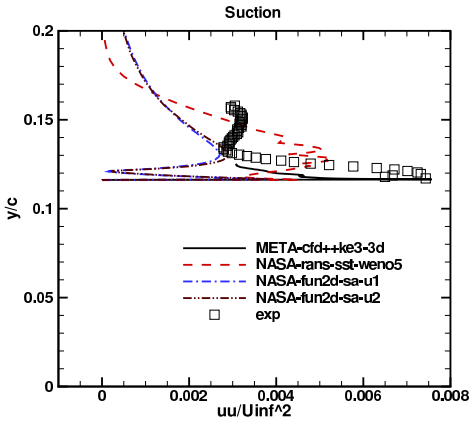
Suction-case V-velocity profiles
at x/c=0.65 (cont'd):

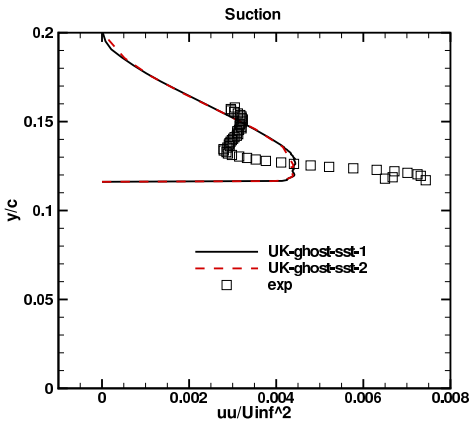




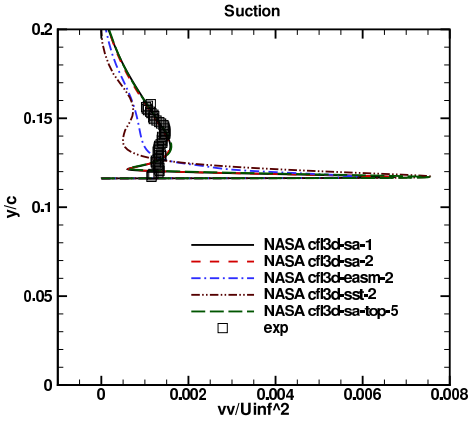
Suction-case u'u' turbulent stress profiles at x/c=0.65:

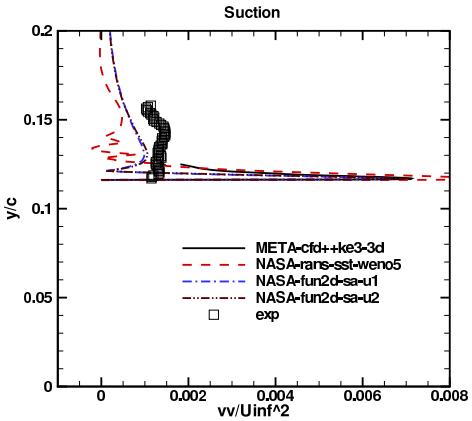


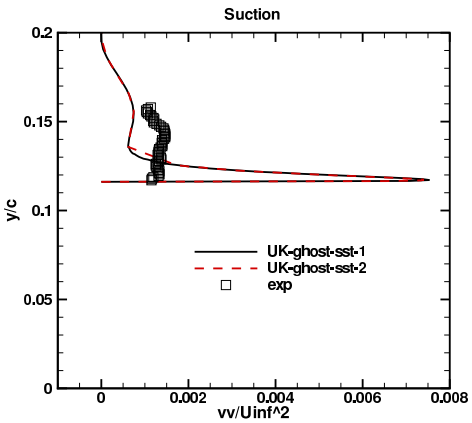




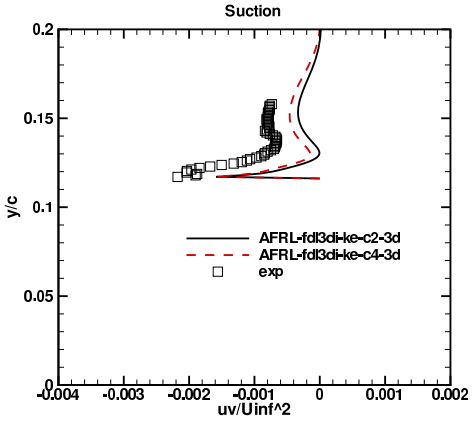
Suction-case v'v' turbulent stress profiles at x/c=0.65:

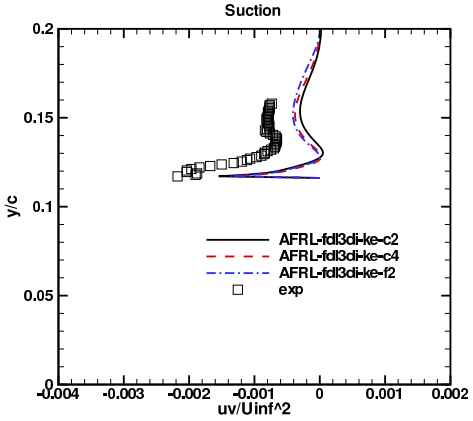


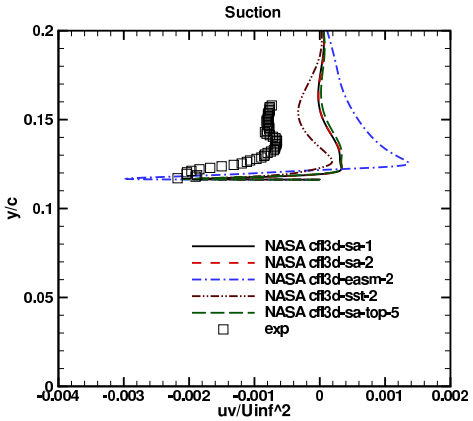




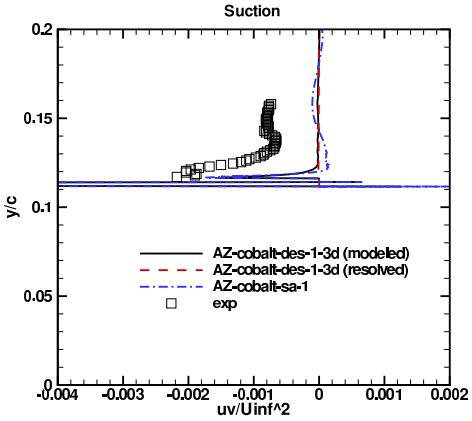
Suction-case u'v' turbulent stress profiles at x/c=0.65:

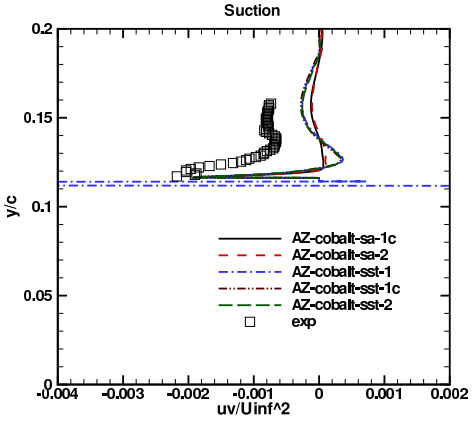


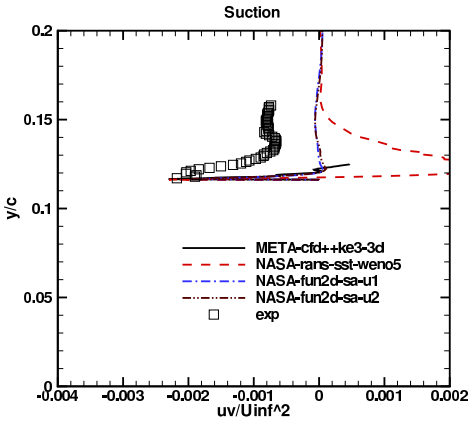




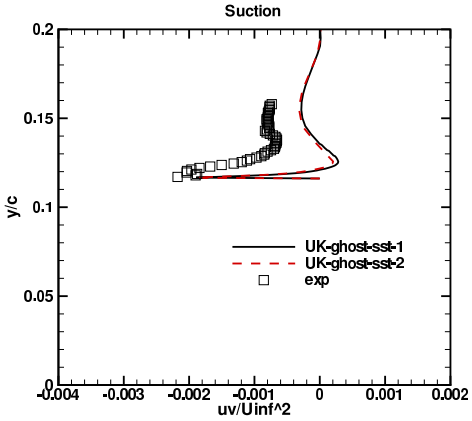
Suction-case u'v' turbulent stress profiles at x/c=0.65 (cont'd):

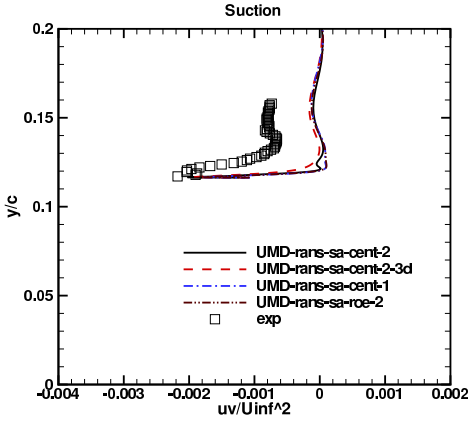


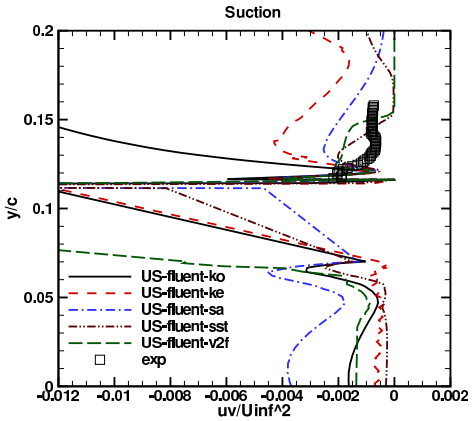




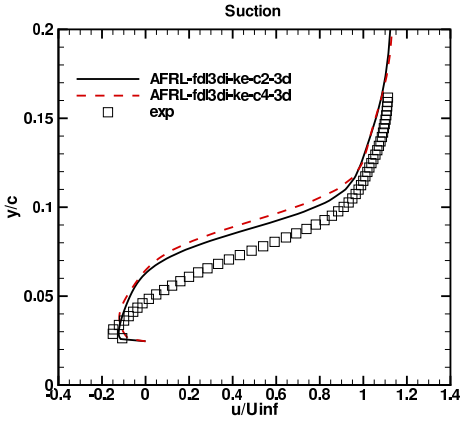
Suction-case u'v' turbulent stress profiles at x/c=0.65 (cont'd):

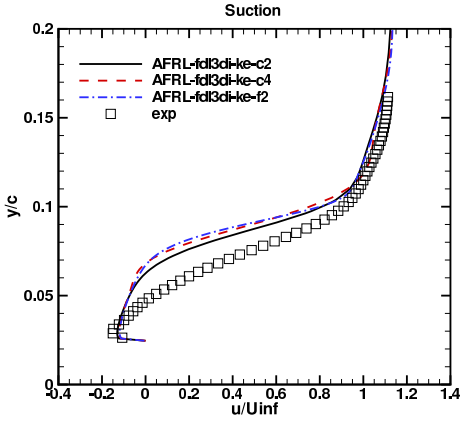


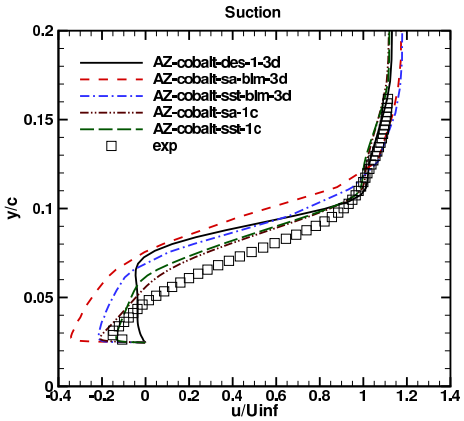




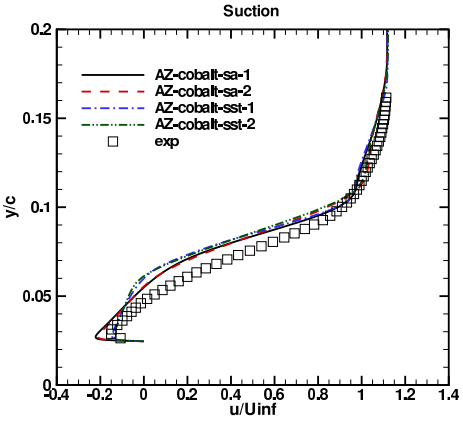
Suction-case U-velocity profiles at x/c=0.8:

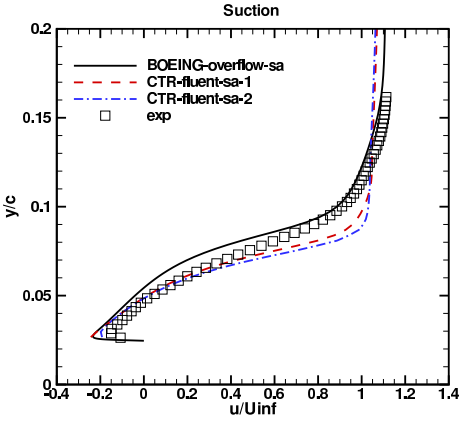


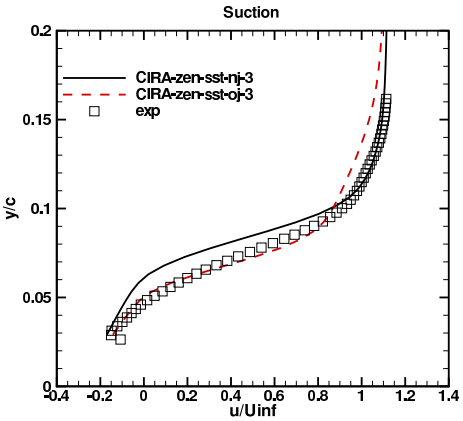




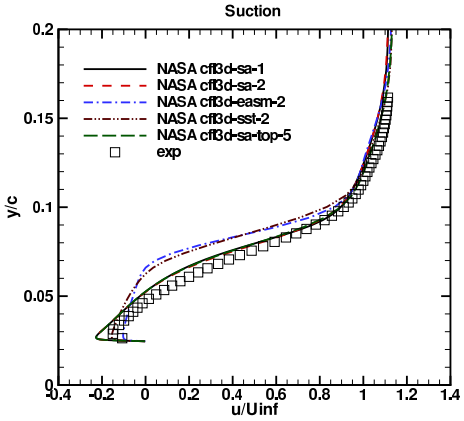
Suction-case U-velocity profiles at x/c=0.8 (cont'd):

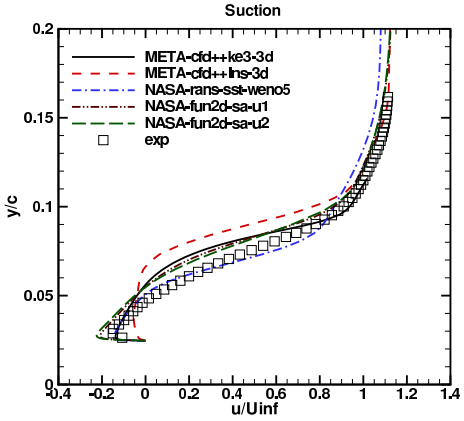


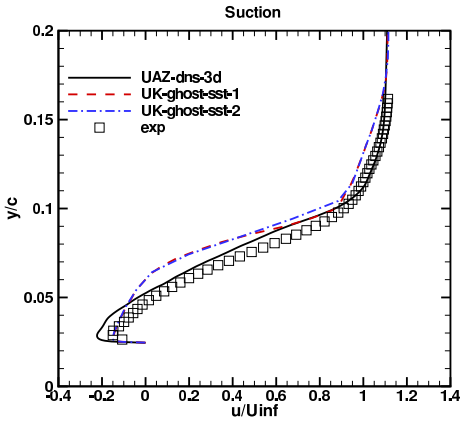




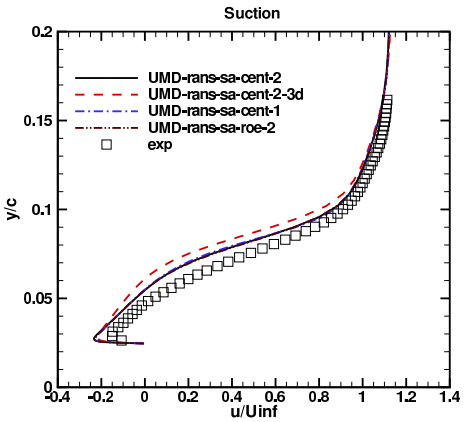
Suction-case U-velocity profiles
at x/c=0.8 (cont'd):

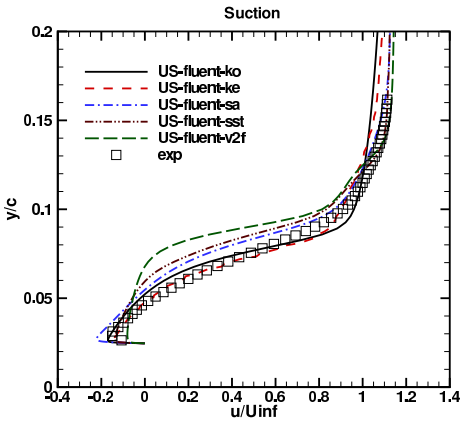




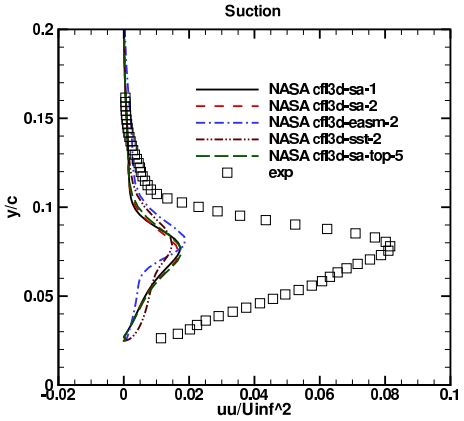


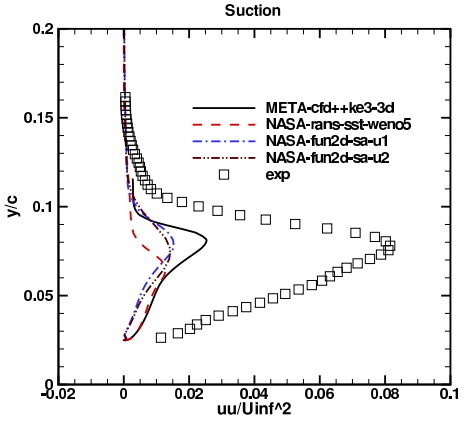
Suction-case U-velocity profiles
at x/c=0.8 (cont'd):

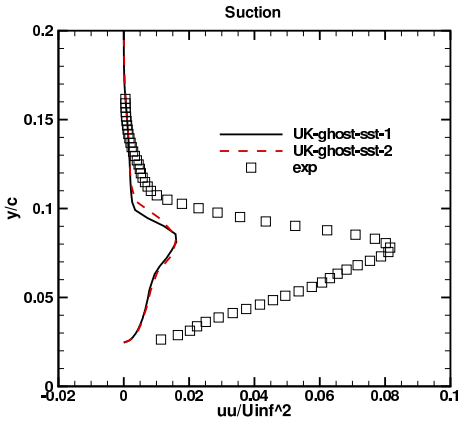




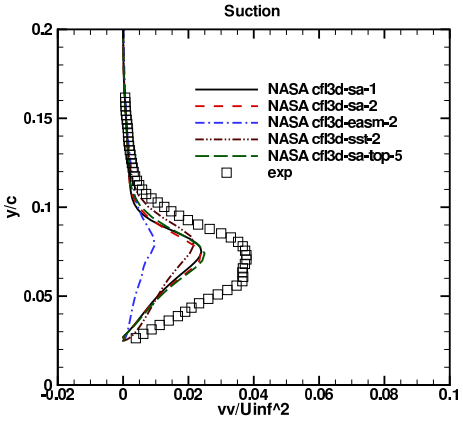
Suction-case u'u' turbulent stress profiles at x/c=0.8:

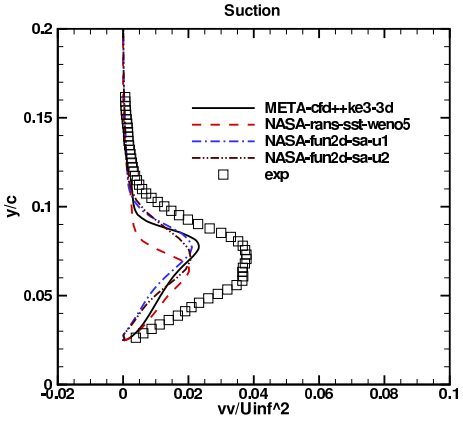


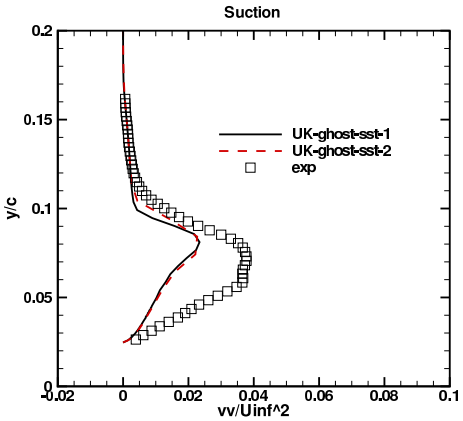




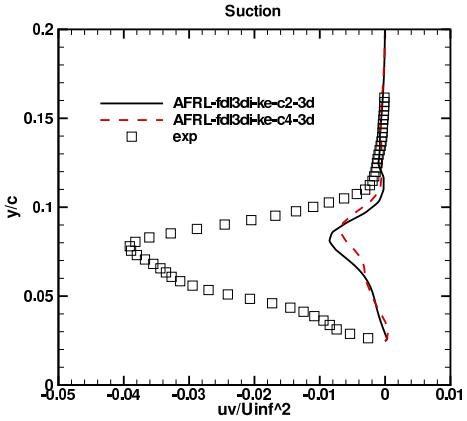
Suction-case v'v' turbulent stress profiles at x/c=0.8:

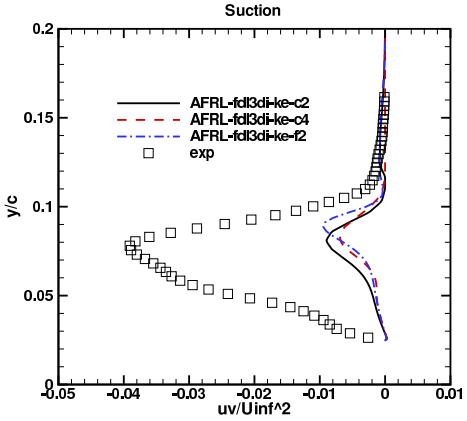


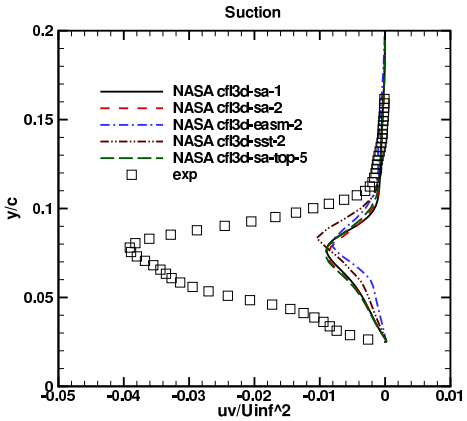




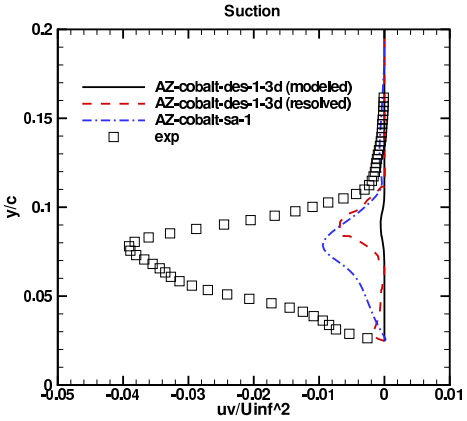
Suction-case u'v' turbulent stress profiles at x/c=0.8:

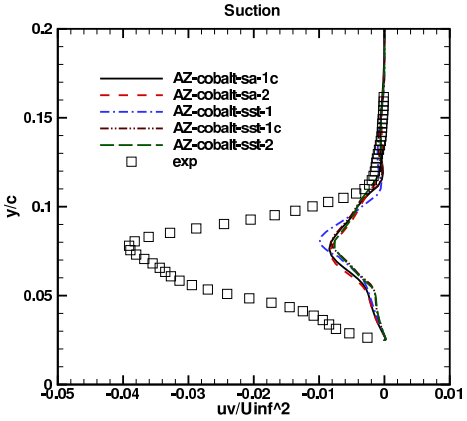


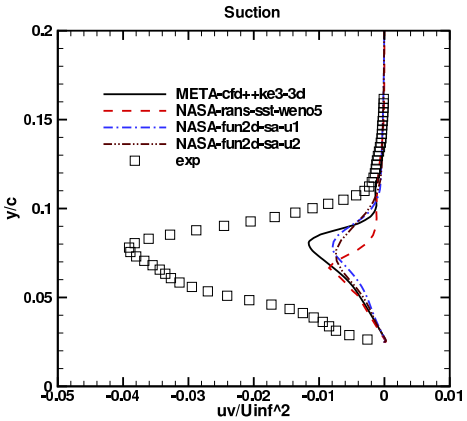




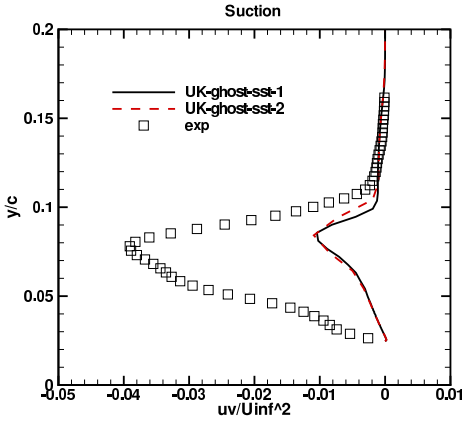
Suction-case u'v' turbulent stress profiles at x/c=0.8 (cont'd):

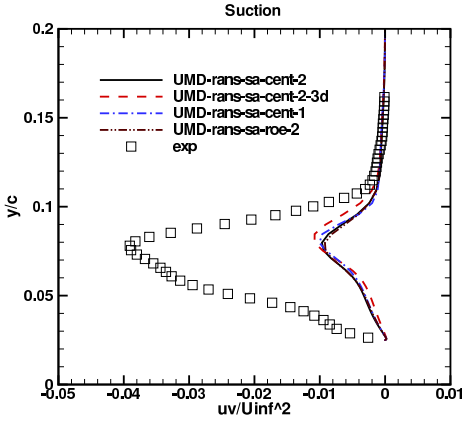


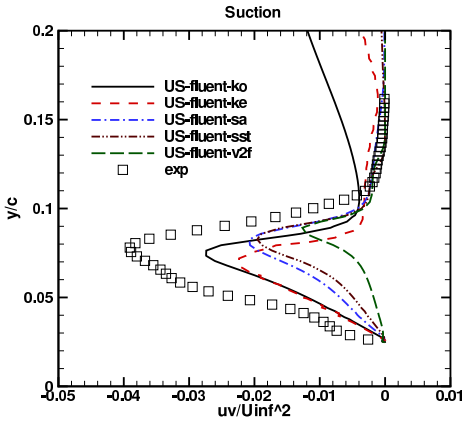




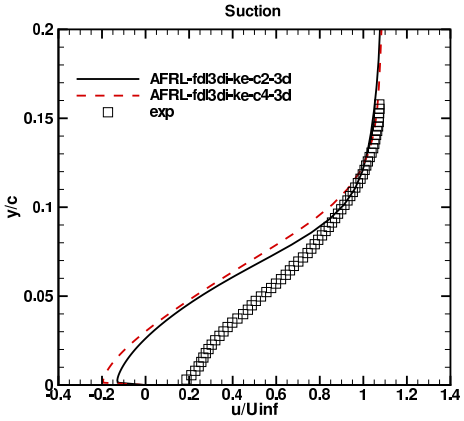
Suction-case u'v' turbulent stress profiles at x/c=0.8 (cont'd):

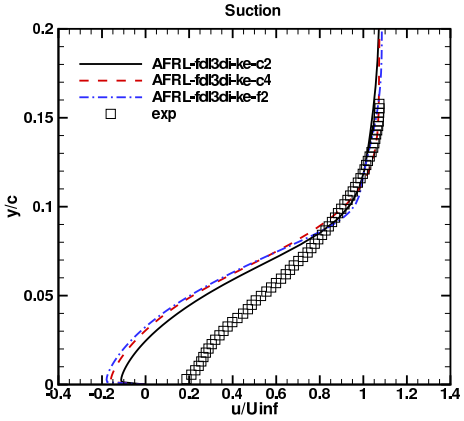


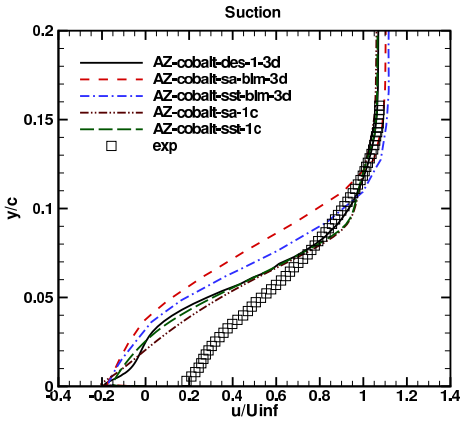




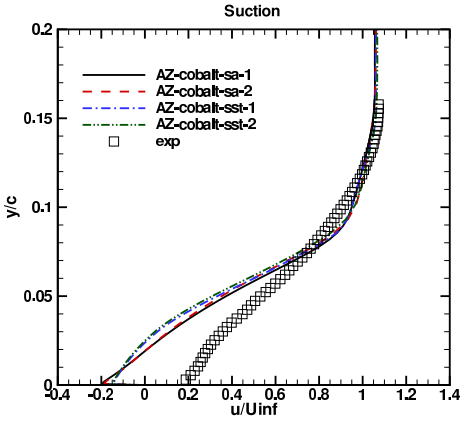
Suction-case U-velocity profiles at x/c=1.0:

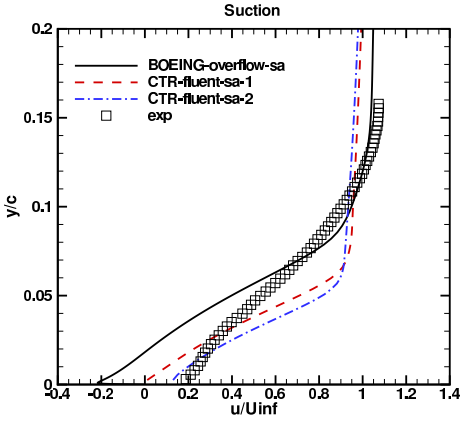


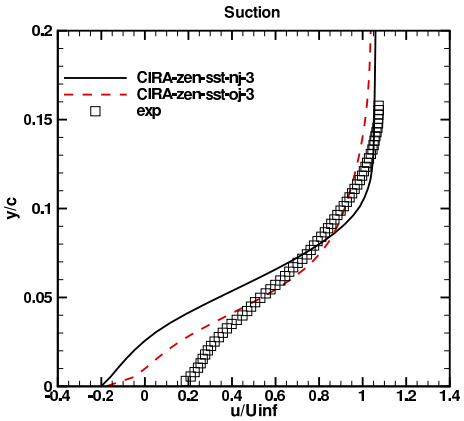




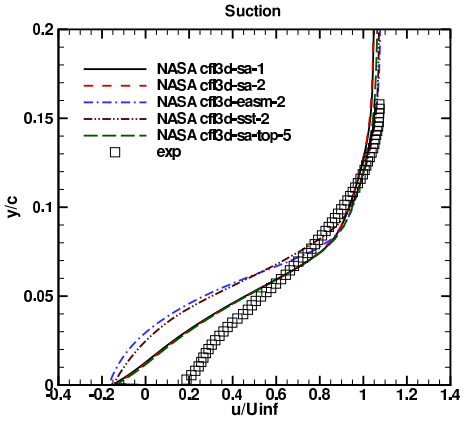
Suction-case U-velocity profiles at x/c=1.0 (cont'd):

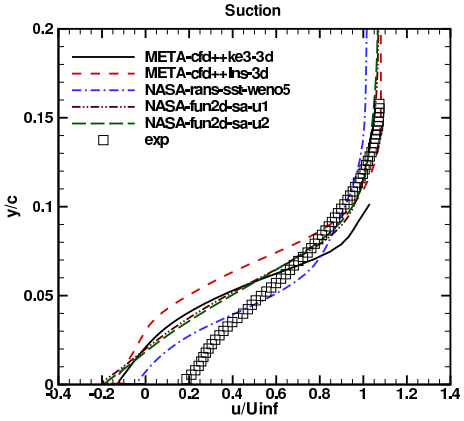


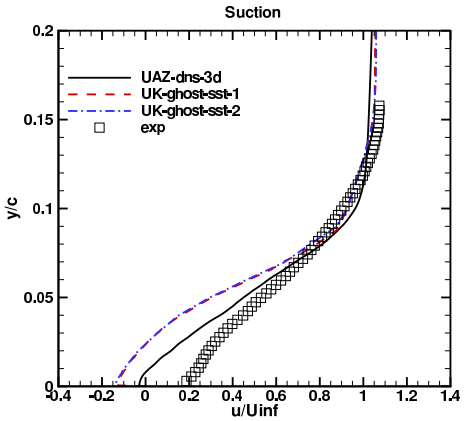




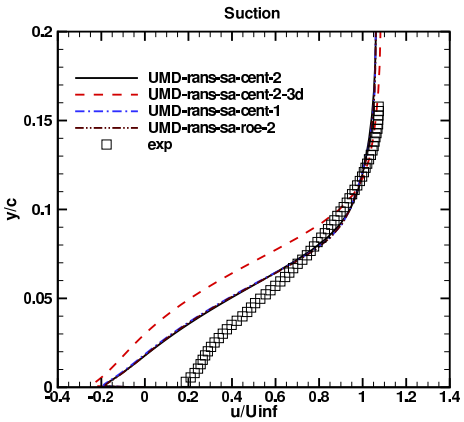
Suction-case U-velocity profiles
at x/c=1.0 (cont'd):

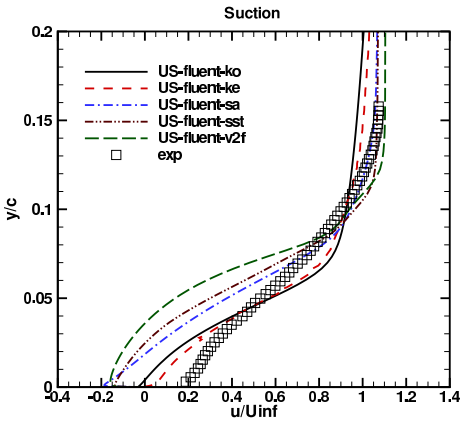




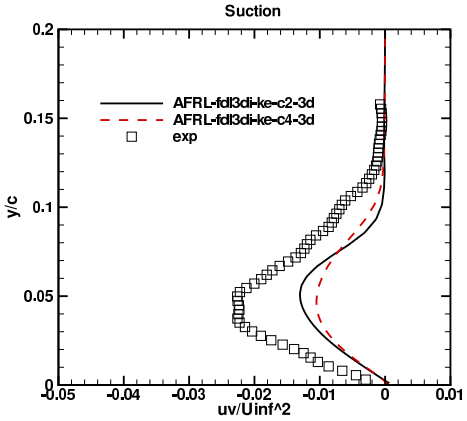


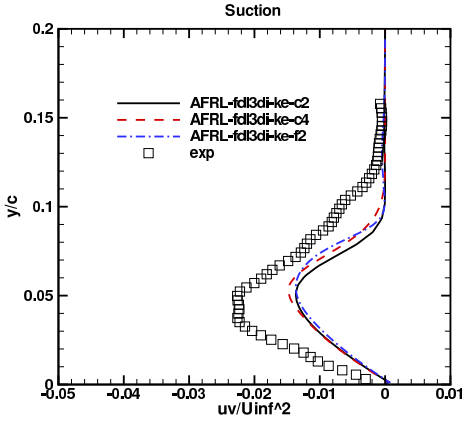
Suction-case U-velocity profiles
at x/c=1.0 (cont'd):

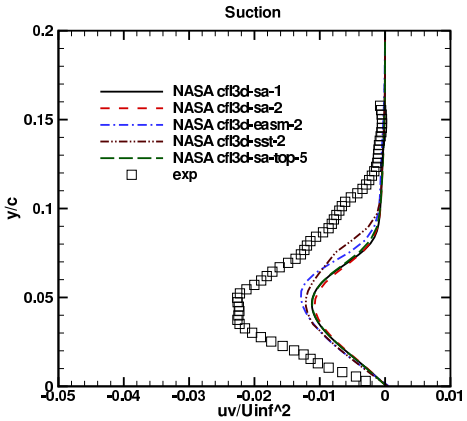




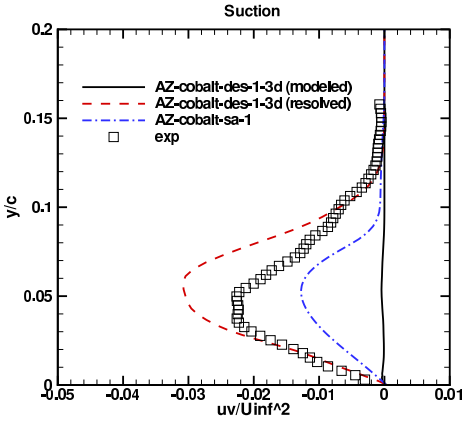
Suction-case u'v' turbulent stress profiles at x/c=1.0:

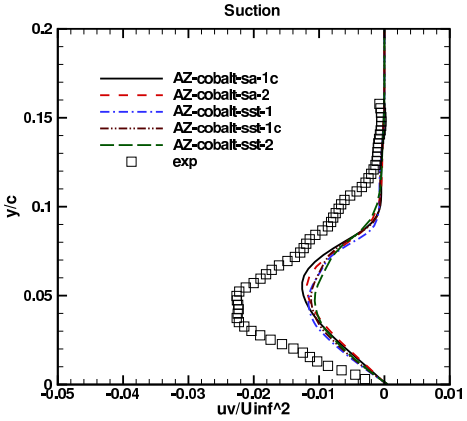


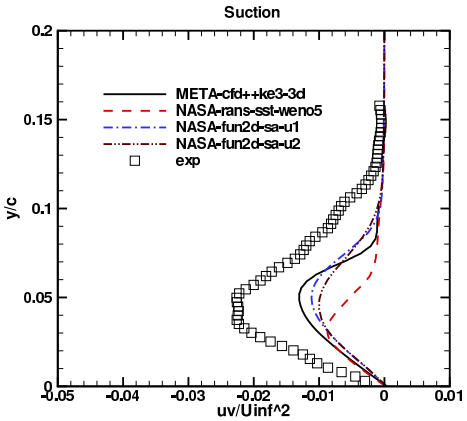




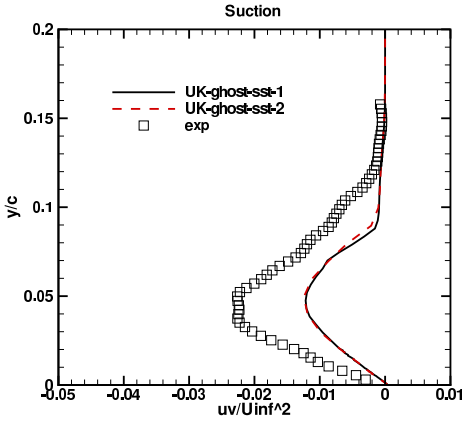
Suction-case u'v' turbulent stress profiles at x/c=1.0 (cont'd):

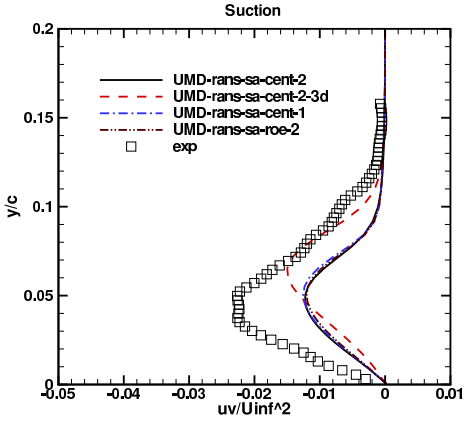


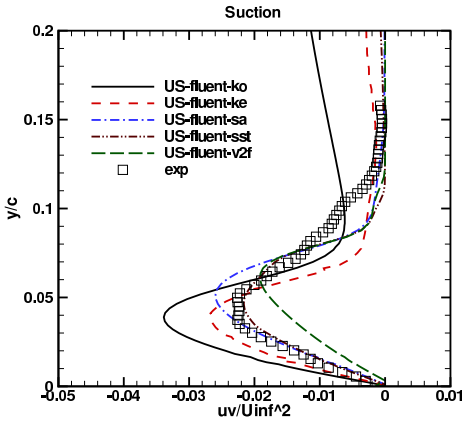




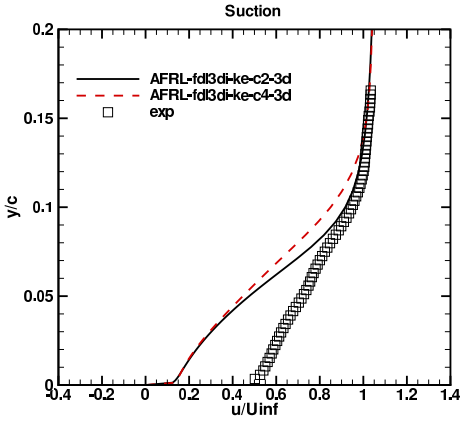
Suction-case u'v' turbulent stress profiles at x/c=1.0 (cont'd):

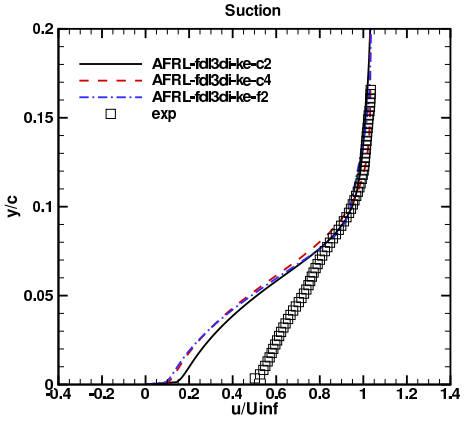


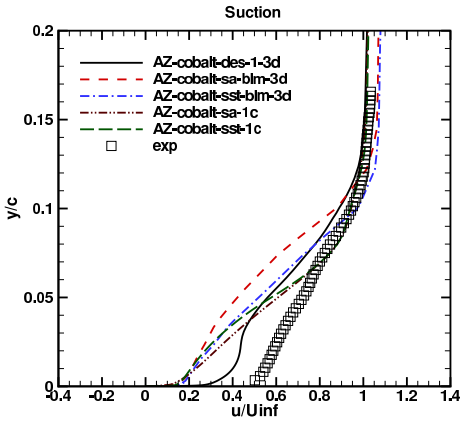




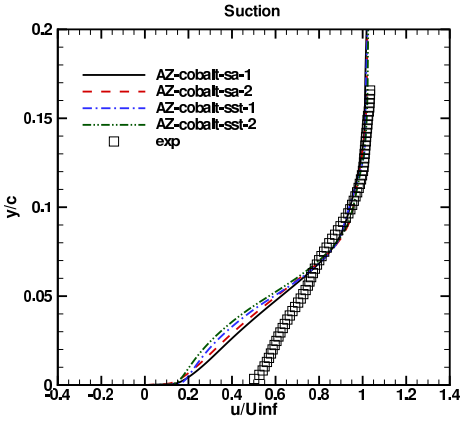
Suction-case U-velocity profiles at x/c=1.2:

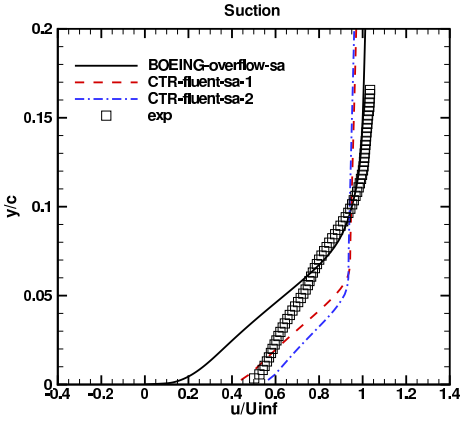


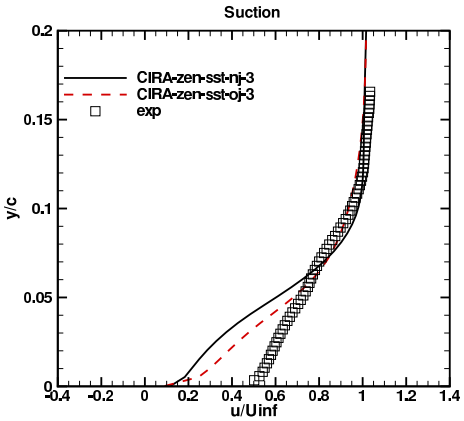




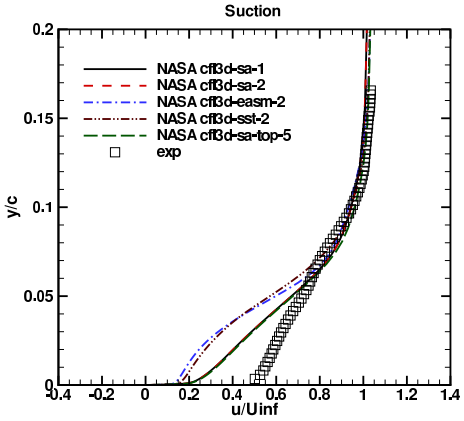
Suction-case U-velocity profiles at x/c=1.2 (cont'd):

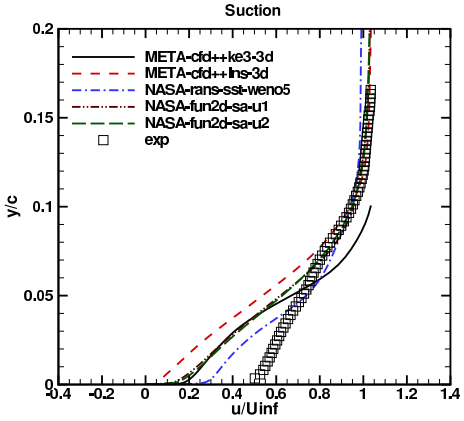


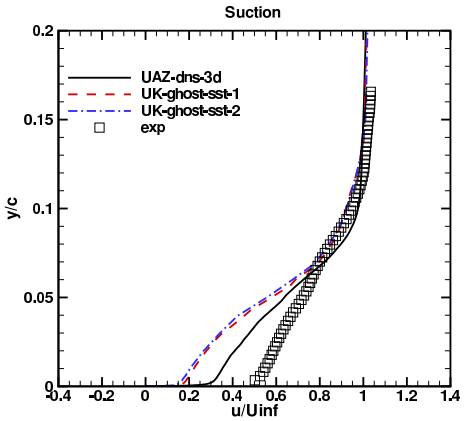




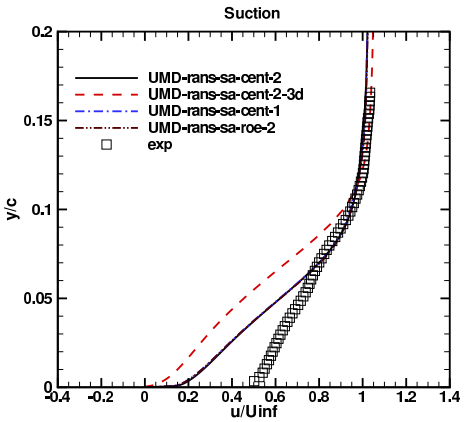
Suction-case U-velocity profiles
at x/c=1.2 (cont'd):

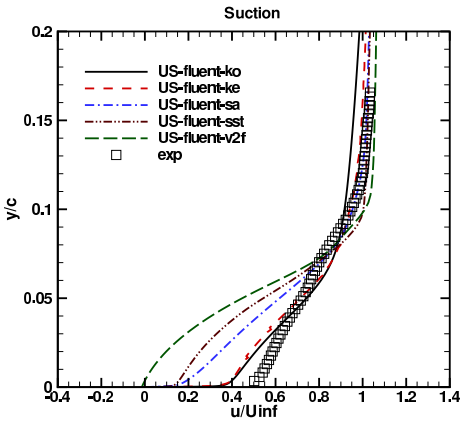




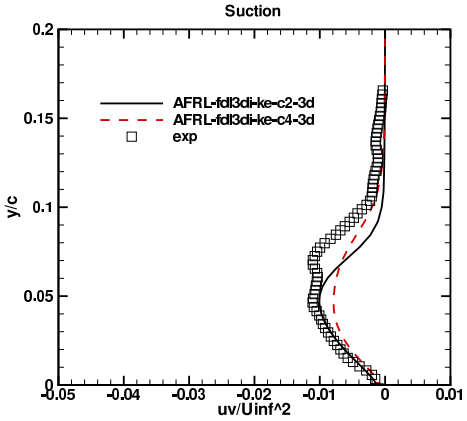


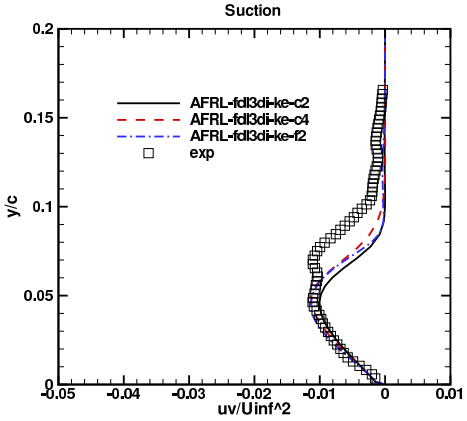
Suction-case U-velocity profiles
at x/c=1.2 (cont'd):

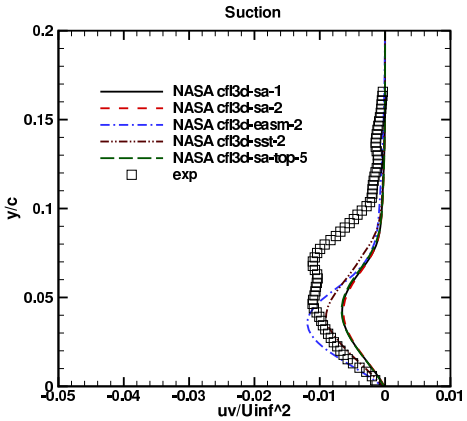




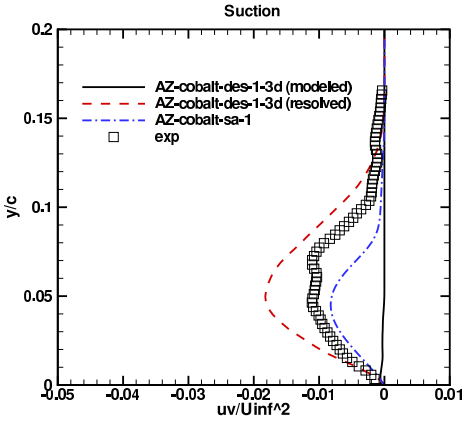
Suction-case u'v' turbulent stress profiles at x/c=1.2:

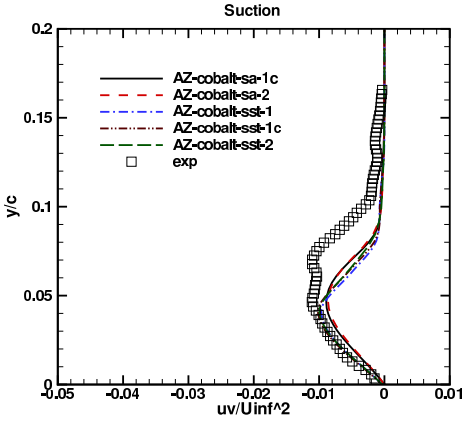


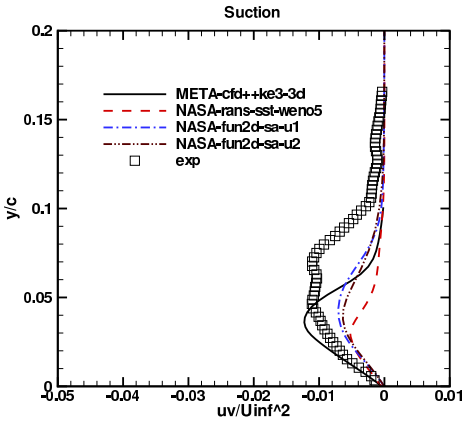




Suction-case u'v' turbulent stress profiles at x/c=1.2 (cont'd):







Suction-case u'v' turbulent stress profiles at x/c=1.2 (cont'd):