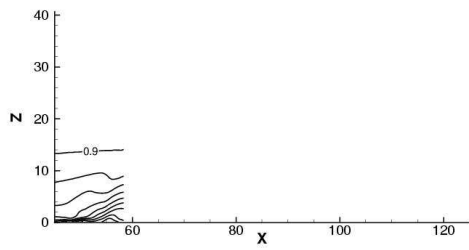**CASE 2: SUMMARY PLOTS**
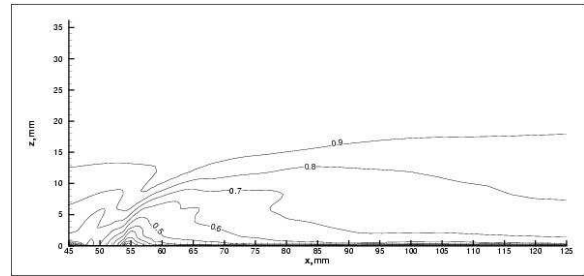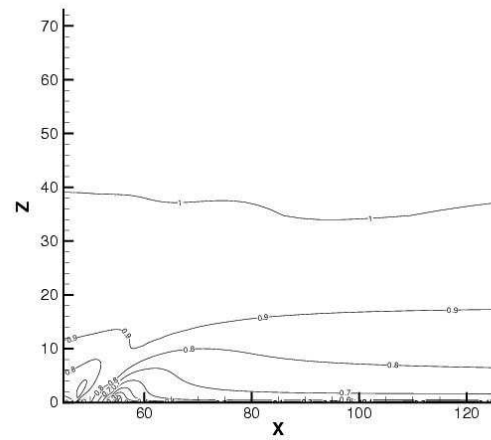
Contours of average u-velocity, y=0 plane, exp:
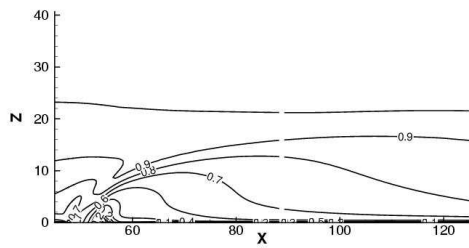


Contours of average u-velocity, y=0 plane, ONERA-flu3m-les:



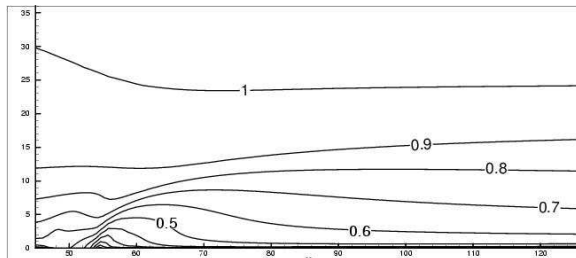Contours of average u-velocity, y=0 plane, NASA-cfl3d-sa(fine):



Contours of average u-velocity, y=0 plane, CIRA-zen-ke-nocav:



Contours of average u-velocity, y=0 plane, USTO-rans-tlv:



Contours of average u-velocity, y=0 plane, NASA-fun3d-sa(fine):



2

Contours of average u-velocity, y=0 plane, exp:
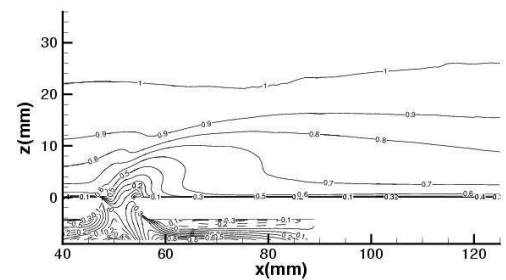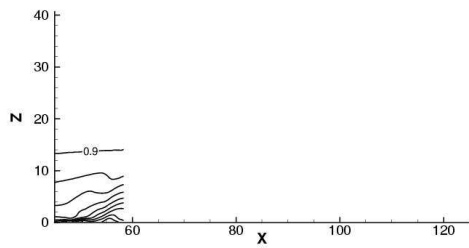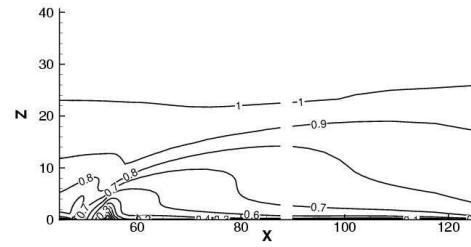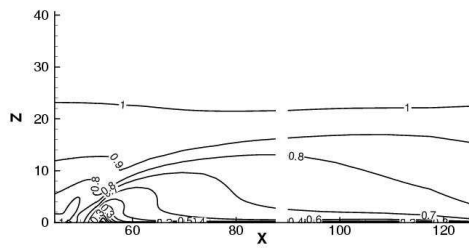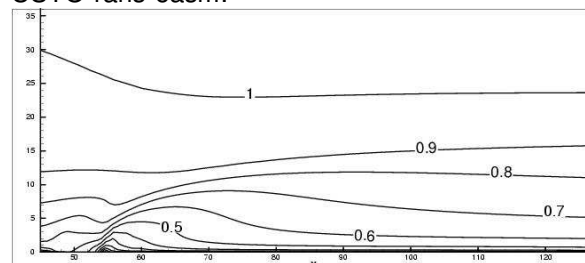
Contours of average u-velocity, y=0 plane, NASA-cfl3d-easm:

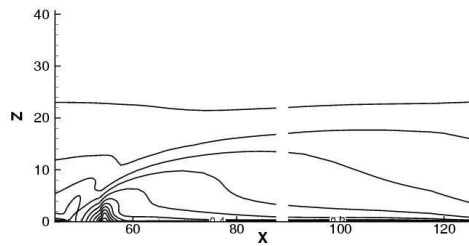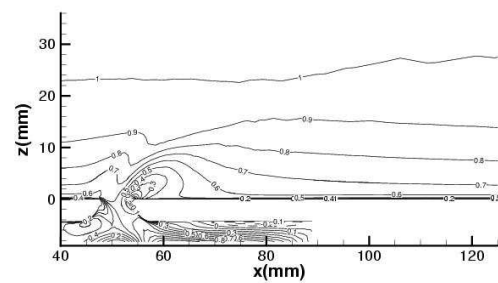Contours of average u-velocity, y=0 plane, NASA-cfl3d-sa:
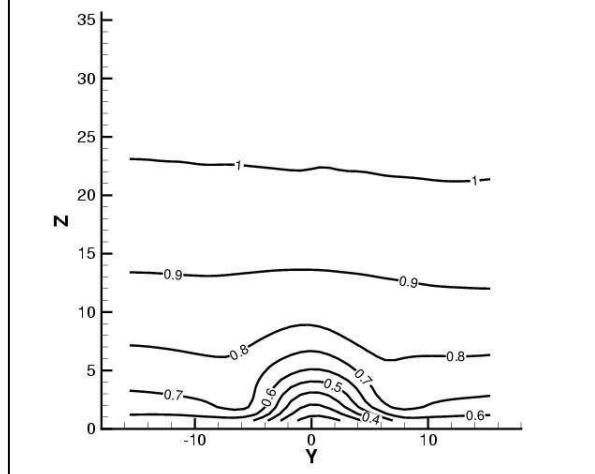
Contours of average u-velocity, y=0 plane, USTO-rans-easm:
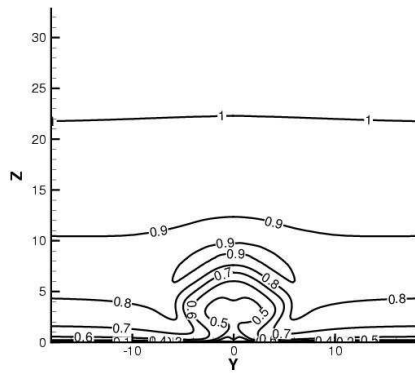
Contours of average u-velocity, y=0 plane, NASA-fun3d-sa:

Contours of average u-velocity, y=0 plane, NASA-cfl3d-sst:

3

Contours of average u-velocity, x=57.15 plane, exp:

Contours of average u-velocity, x=57.15 plane, ONERA-flu3m-les:

Contours of average u-velocity, x=57.15 plane, NASA-cfl3d-sa(fine):

Contours of average u-velocity, x=57.15 plane, CIRA-zen-ke-nocav:

Contours of average u-velocity, x=57.15 plane, USTO-rans-tlv:

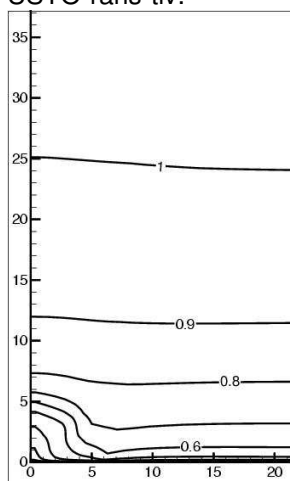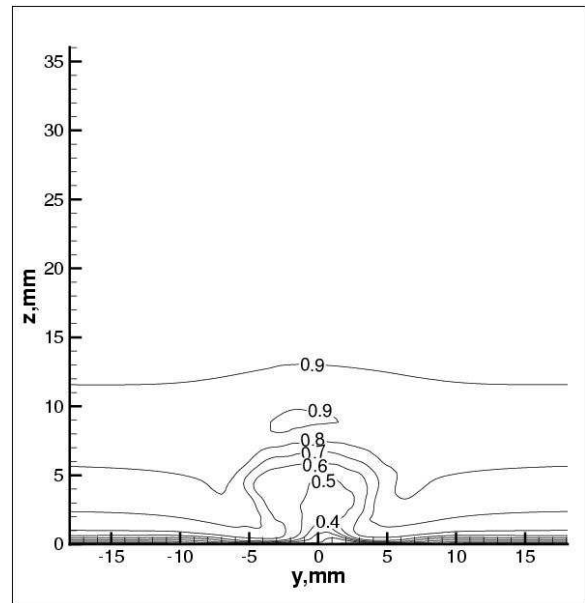Contours of average u-velocity, x=57.15 plane, NASA-fun3d-sa(fine):

4

Contours of average u-velocity, x=57.15 plane, exp:



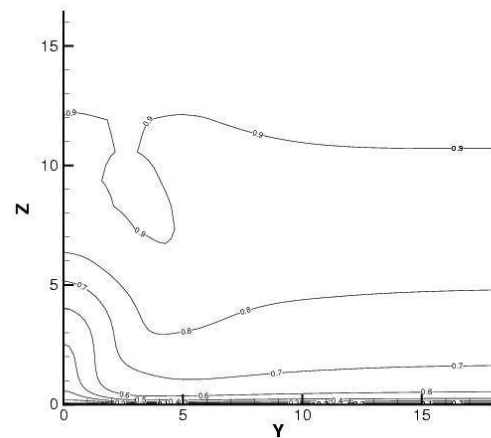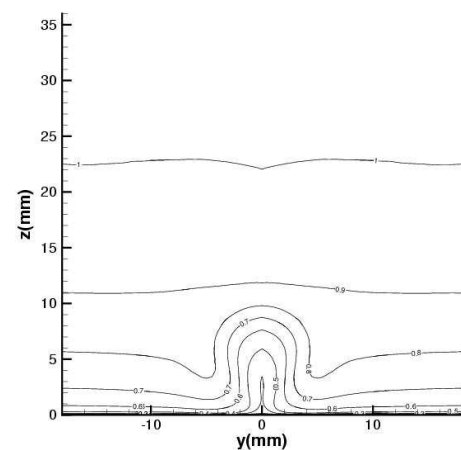Contours of average u-velocity, x=57.15 plane, NASA-cfl3d-sa:



Contours of average u-velocity, x=57.15 plane, NASA-cfl3d-sst:



Contours of average u-velocity, x=57.15 plane, NASA-cfl3d-easm:
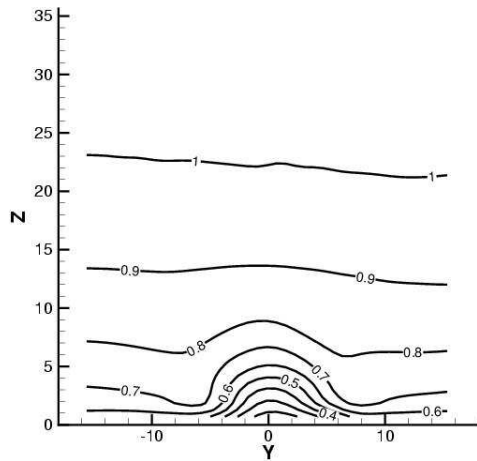


Contours of average u-velocity, x=57.15 plane, USTO-rans-easm:
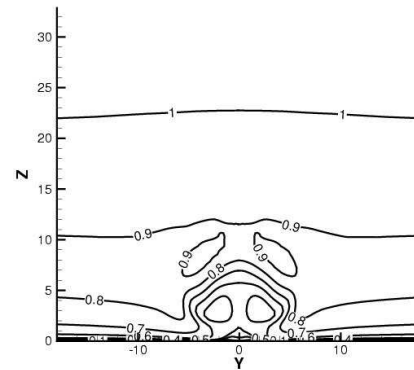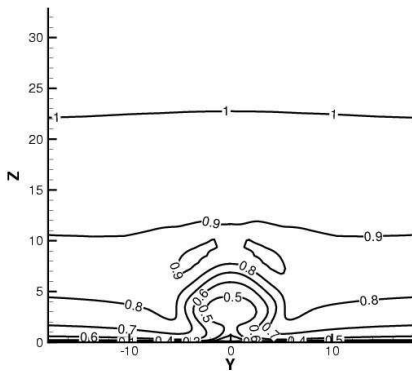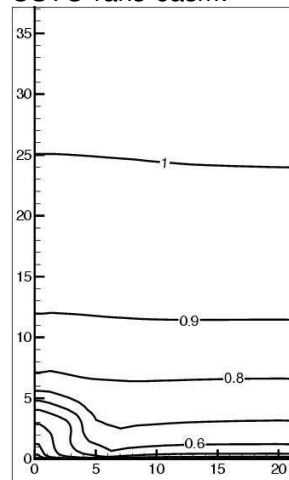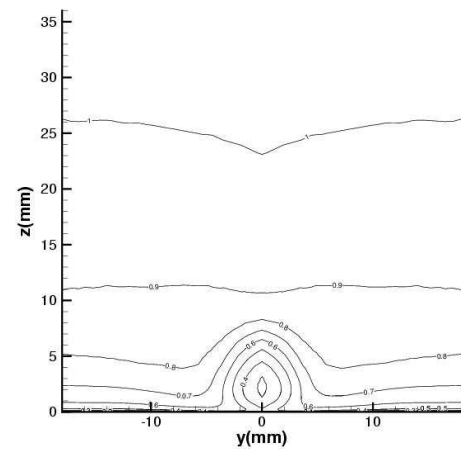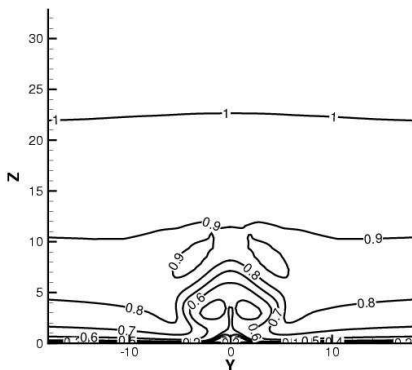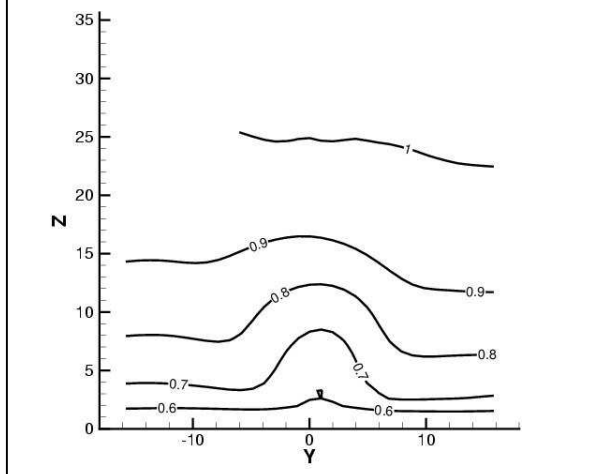


Contours of average u-velocity, x=57.15 plane, NASA-fun3d-sa:
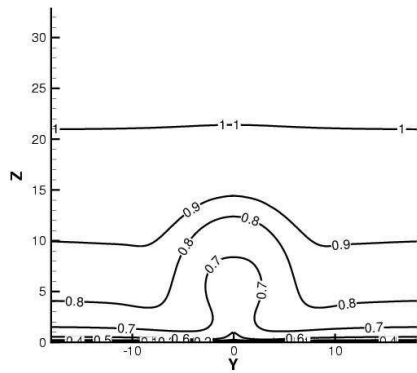


5

Contours of average u-velocity, x=76.2 plane, exp:



Contours of average u-velocity, x=76.2 plane, ONERA-flu3m-les:



Contours of average u-velocity, x=76.2 plane, NASA-cfl3d-sa(fine):



Contours of average u-velocity, x=76.2 plane, CIRA-zen-ke-nocav:



Contours of average u-velocity, x=76.2 plane, USTO-rans-tlv:



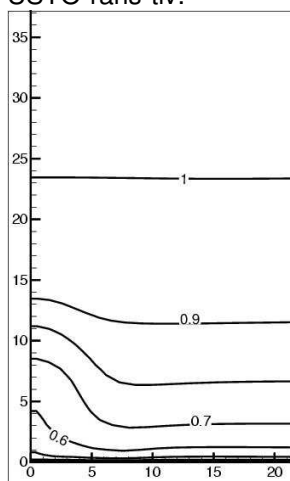Contours of average u-velocity, x=76.2 plane, NASA-fun3d-sa(fine):

Contours of average u-velocity, x=76.2 plane, exp:
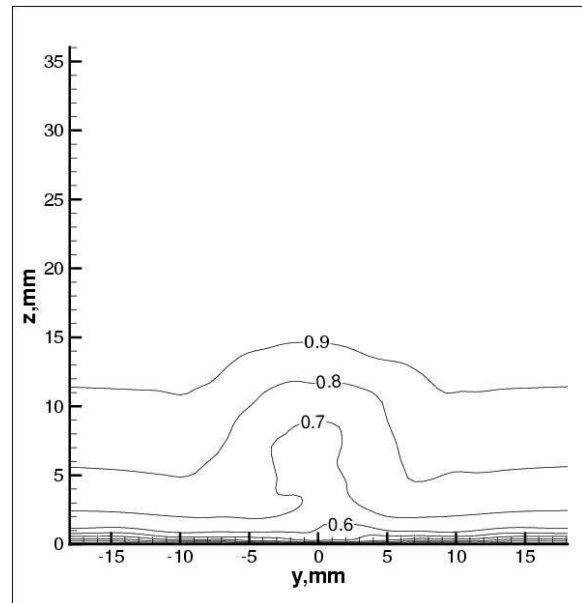


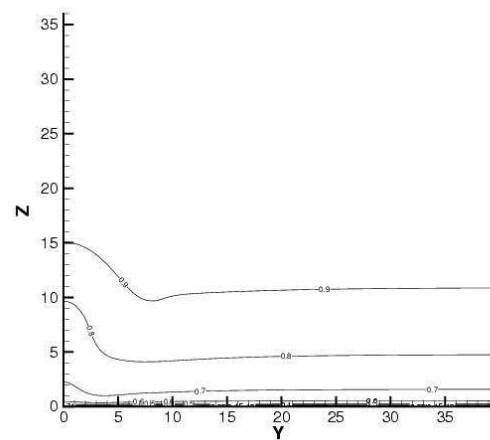Contours of average u-velocity, x=76.2 plane, NASA-cfl3d-easm:
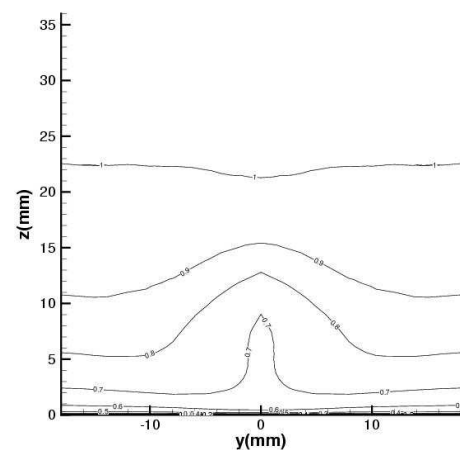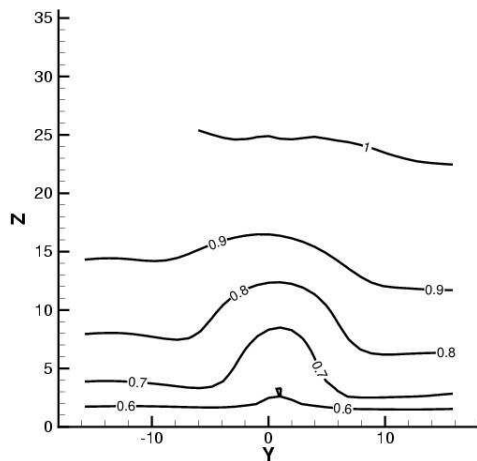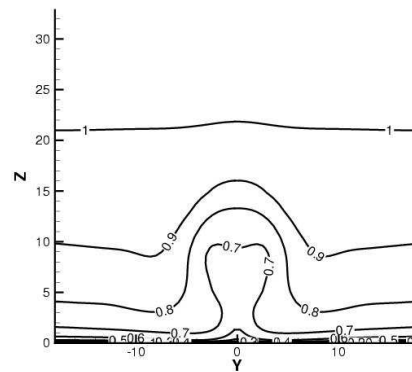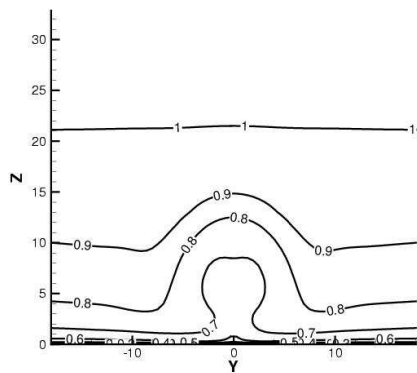


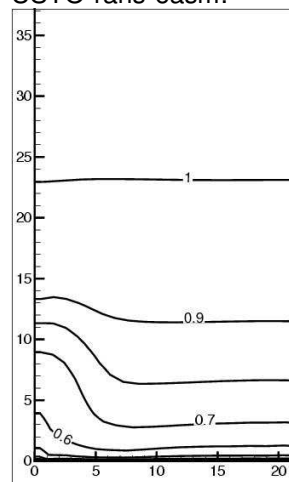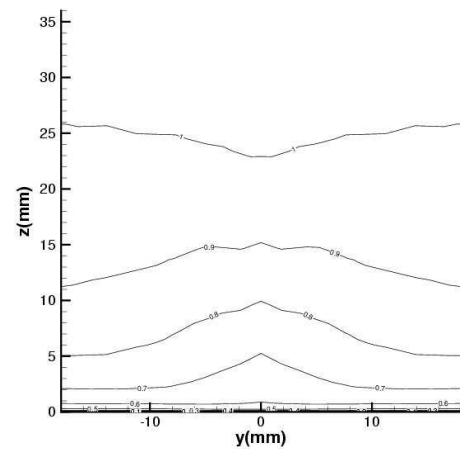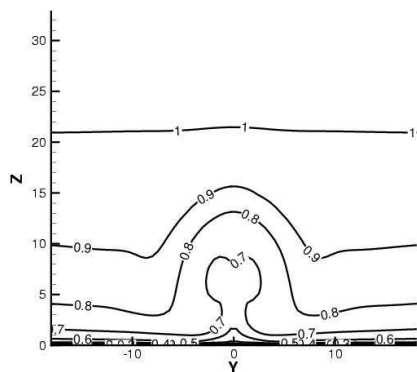Contours of average u-velocity, x=76.2 plane, USTO-rans-easm:



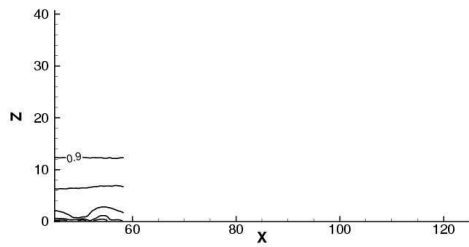Contours of average u-velocity, x=76.2 plane, NASA-cfl3d-sa:



Contours of average u-velocity, x=76.2 plane, NASA-fun3d-sa:


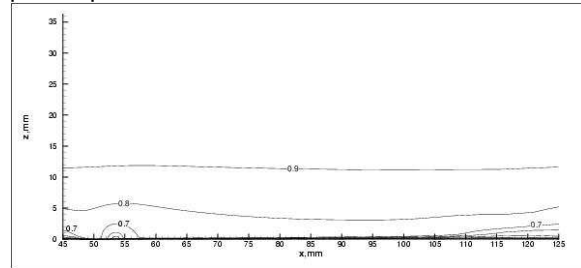
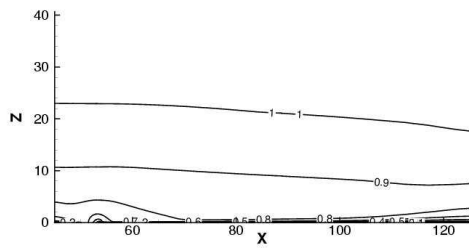Contours of average u-velocity, x=76.2 plane, NASA-cfl3d-sst:



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Contours of phase-averaged u-velocity, y=0 plane, phase=40, exp:

Contours of phase-averaged u-velocity, y=0 plane, phase=40, ONERA-flu3m-les:

Contours of phase-averaged u-velocity, y=0 plane, phase=40, CIRA-zen-ke-nocav:

Contours of phase-averaged u-velocity, y=0 plane, phase=40, NASA-cfl3d-sa(fine):

Contours of phase-averaged u-velocity, y=0 plane, phase=40, USTO-rans-tlv:

Contours of phase-averaged u-velocity, y=0 plane, phase=40, NASA-fun3d-sa(fine):

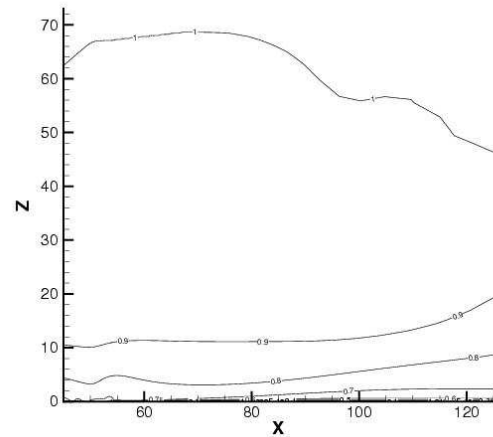Contours of phase-averaged u-velocity, y=0 plane, phase=40, exp:



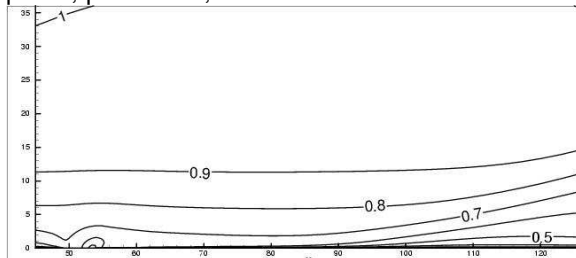Contours of phase-averaged u-velocity, y=0 plane, phase=40, NASA-cfl3d-easm:



Contours of phase-averaged u-velocity, y=0 plane, phase=40, NASA-cfl3d-sa:



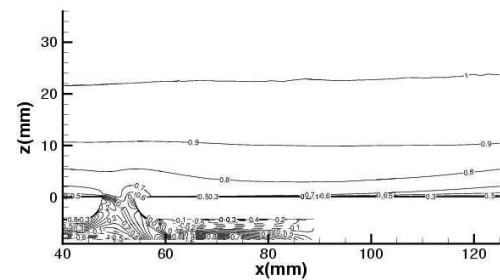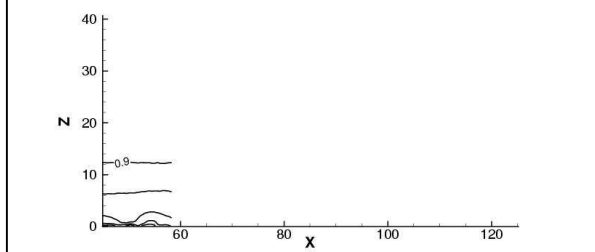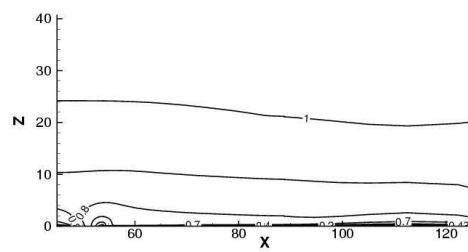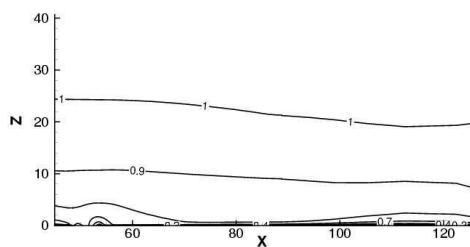Contours of phase-averaged u-velocity, y=0 plane, phase=40, USTO-rans-easm:



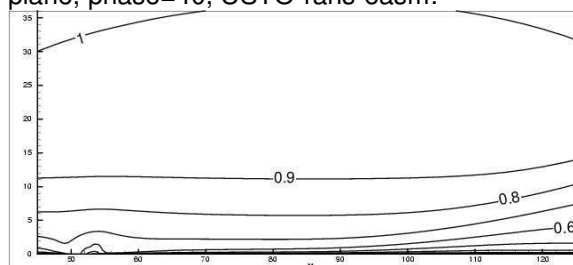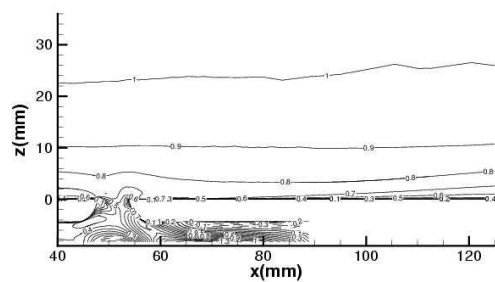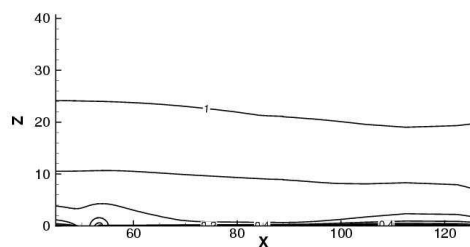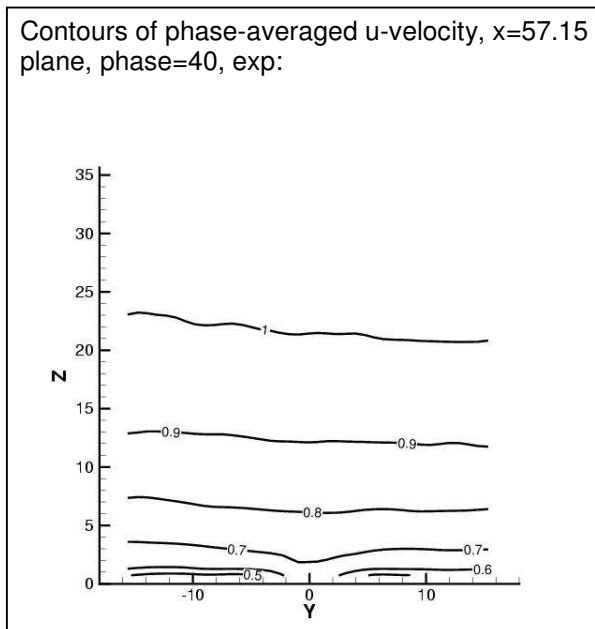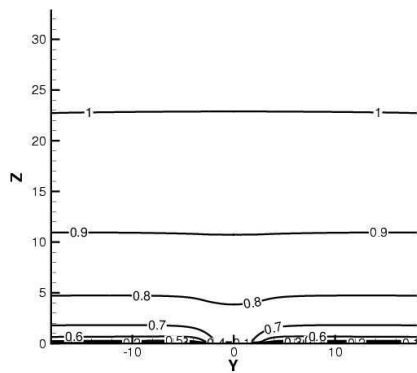Contours of phase-averaged u-velocity, y=0 plane, phase=40, NASA-fun3d-sa:



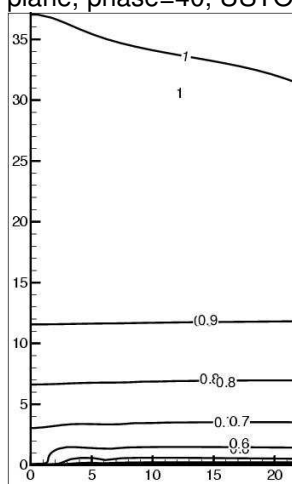Contours of phase-averaged u-velocity, y=0 plane, phase=40, NASA-cfl3d-sst:



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Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, exp:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, ONERA-flu3m-les:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, NASA-cfl3d-sa(fine):

Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, CIRA-zen-ke-nocav:

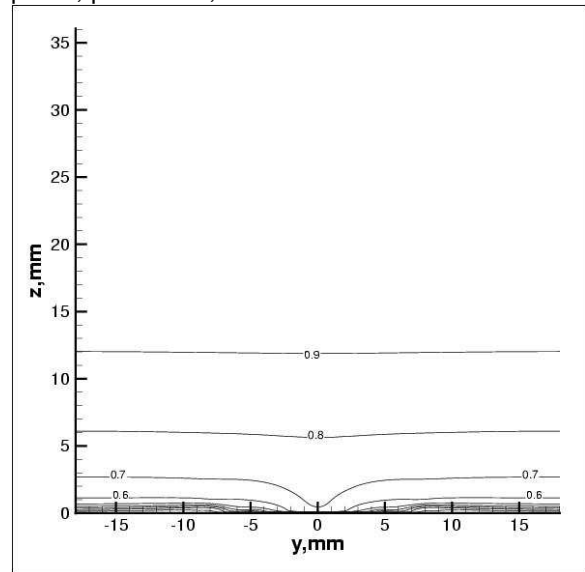Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, USTO-rans-tlv:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, NASA-fun3d-sa(fine):

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Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, exp:



Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, NASA-cfl3d-easm:



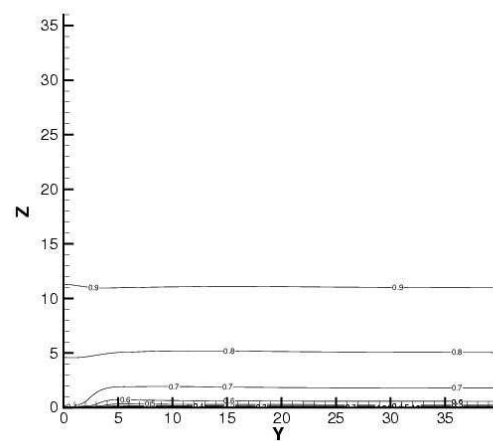Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, NASA-cfl3d-sa:



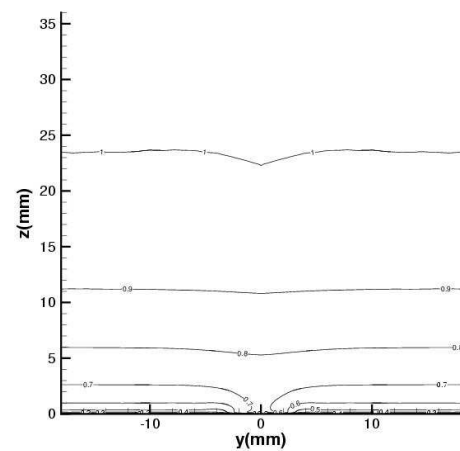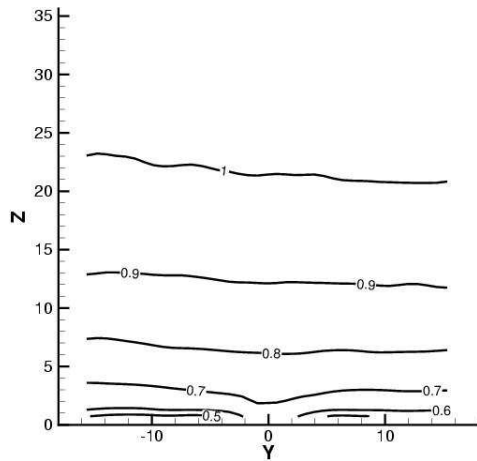Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, USTO-rans-easm:



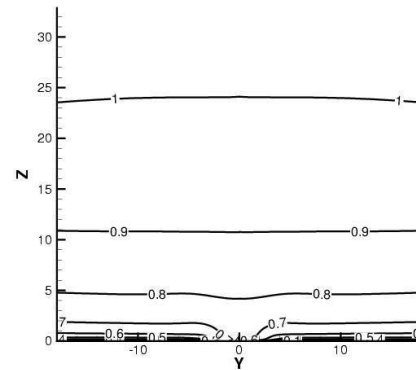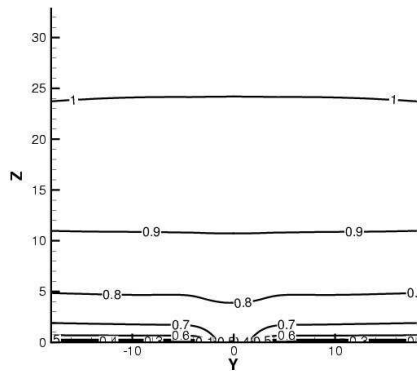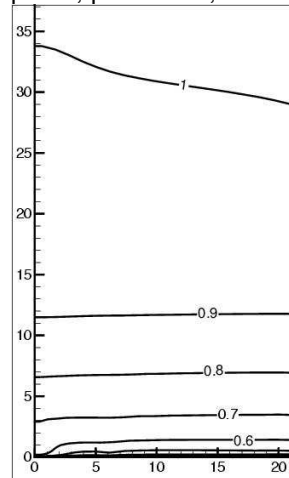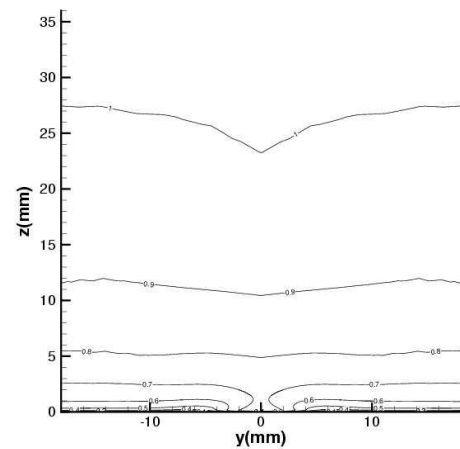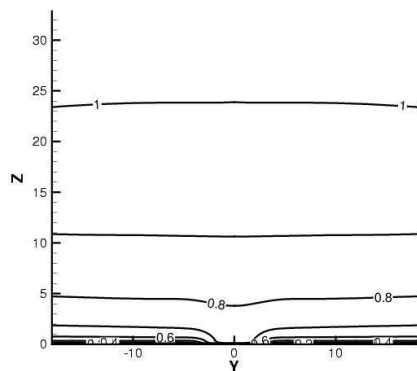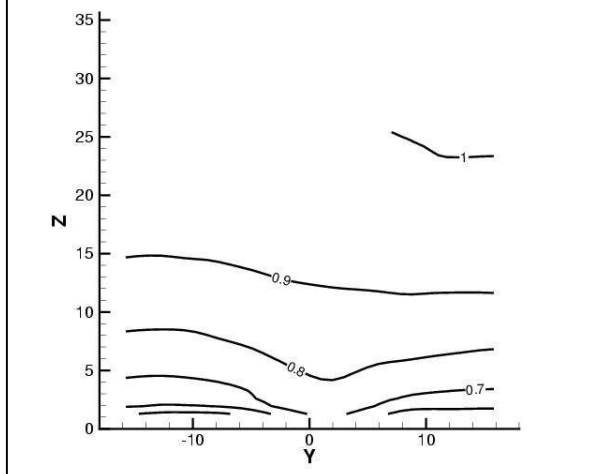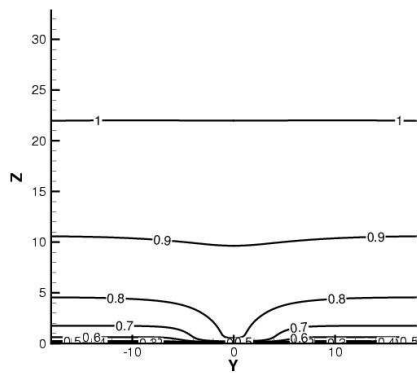Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, NASA-cfl3d-sst:



Contours of phase-averaged u-velocity, x=57.15 plane, phase=40, NASA-fun3d-sa:

Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, exp:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, ONERA-flu3m-les:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, NASA-cfl3d-sa(fine):



Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, CIRA-zen-ke-nocav:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, USTO-rans-tlv:



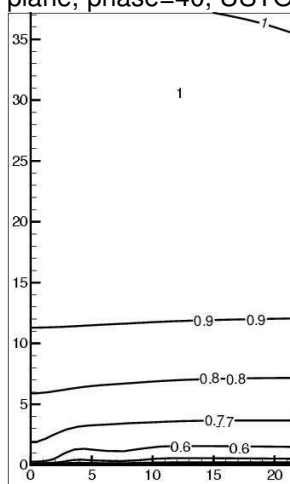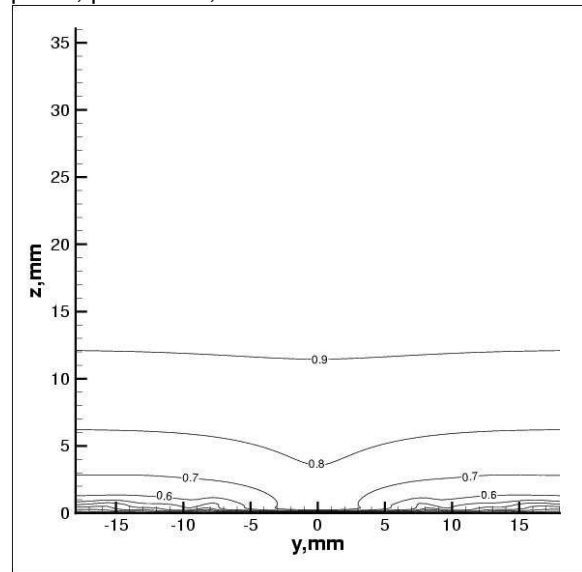Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, NASA-fun3d-sa(fine):



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Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, exp:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, NASA-cfl3d-sa:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, NASA-cfl3d-sst:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, NASA-cfl3d-easm:
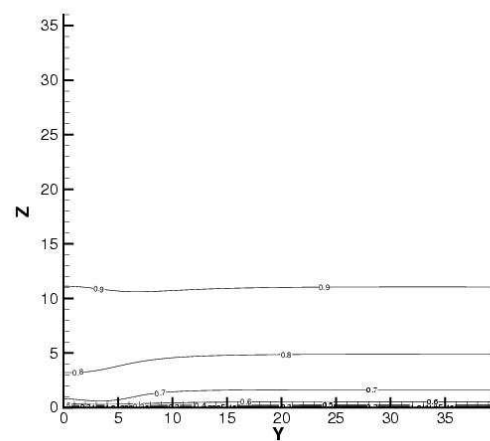


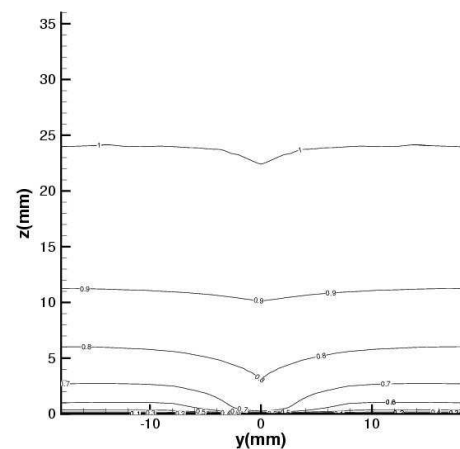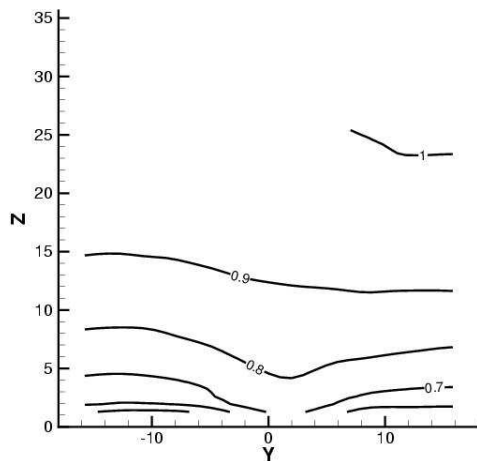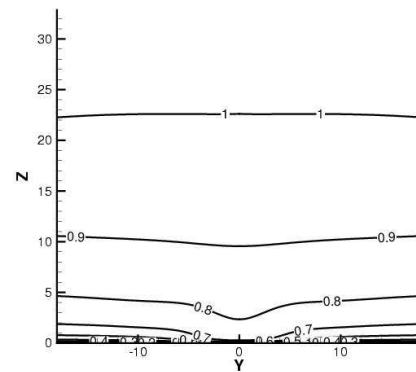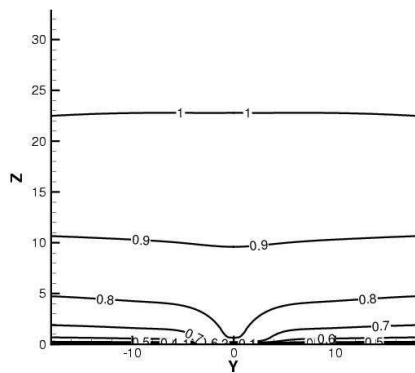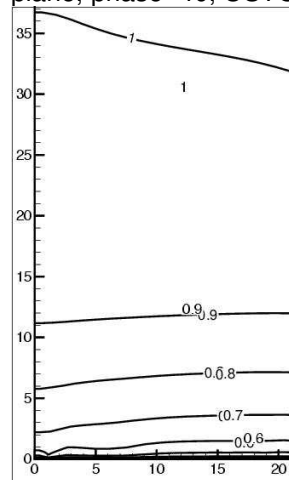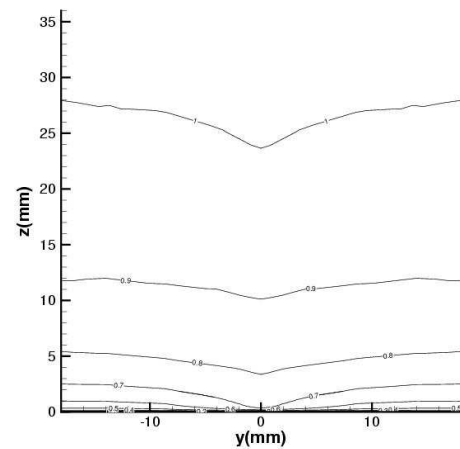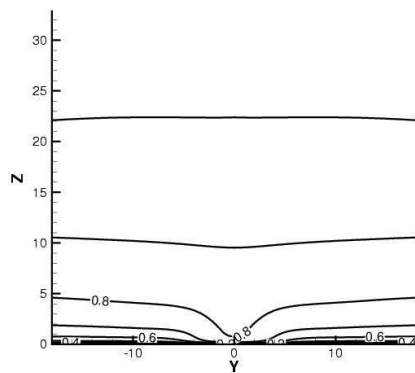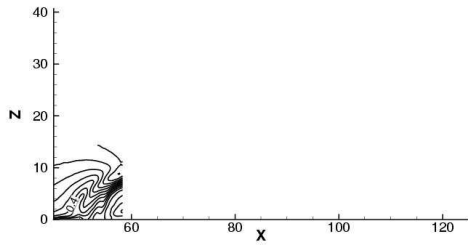Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, USTO-rans-easm:



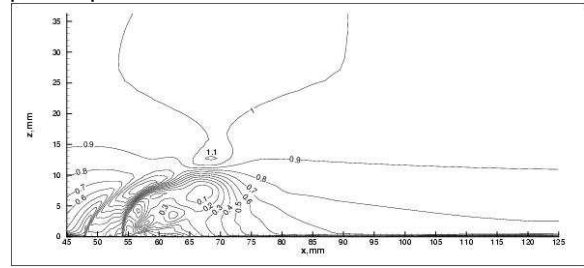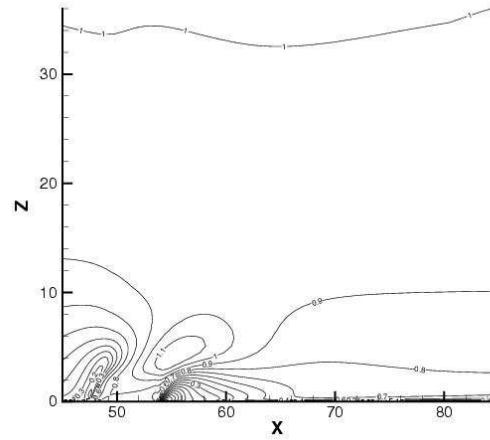Contours of phase-averaged u-velocity, x=76.2 plane, phase=40, NASA-fun3d-sa:



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Contours of phase-averaged u-velocity, y=0 plane, phase=120, exp:

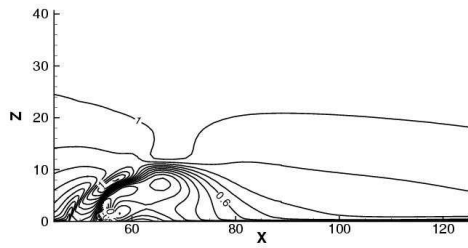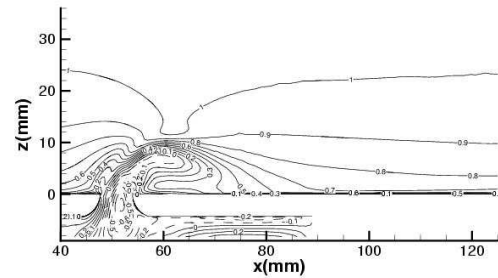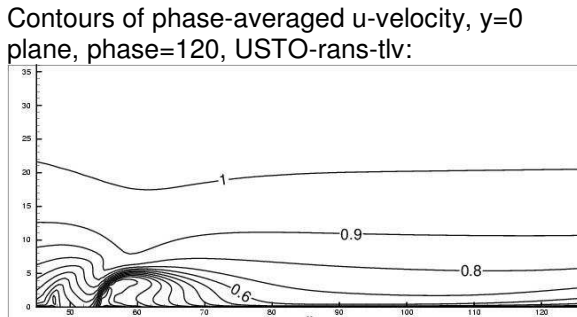Contours of phase-averaged u-velocity, y=0 plane, phase=120, ONERA-flu3m-les:

Contours of phase-averaged u-velocity, y=0 plane, phase=120, CIRA-zen-ke-nocav:

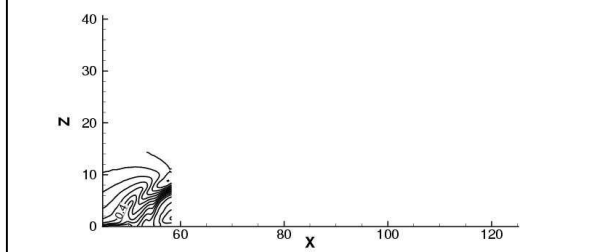Contours of phase-averaged u-velocity, y=0 plane, phase=120, NASA-cfl3d-sa(fine):

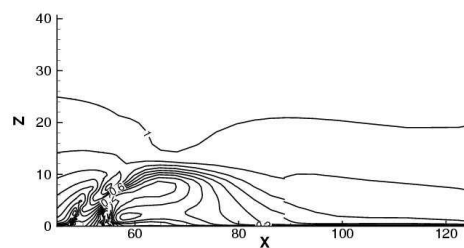Contours of phase-averaged u-velocity, y=0 plane, phase=120, NASA-fun3d-sa(fine):

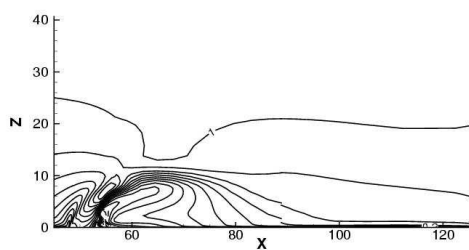Contours of phase-averaged u-velocity, y=0 plane, phase=120, USTO-rans-tlv:

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Contours of phase-averaged u-velocity, y=0 plane, phase=120, exp:



Contours of phase-averaged u-velocity, y=0 plane, phase=120, NASA-cfl3d-easm:



Contours of phase-averaged u-velocity, y=0 plane, phase=120, NASA-cfl3d-sa:



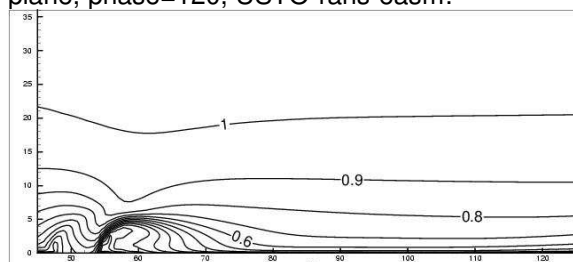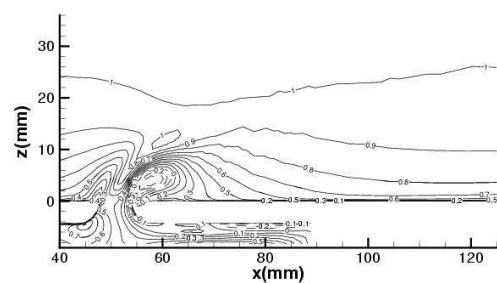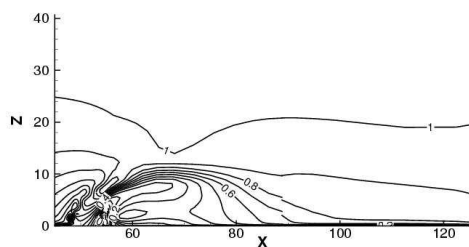Contours of phase-averaged u-velocity, y=0 plane, phase=120, USTO-rans-easm:
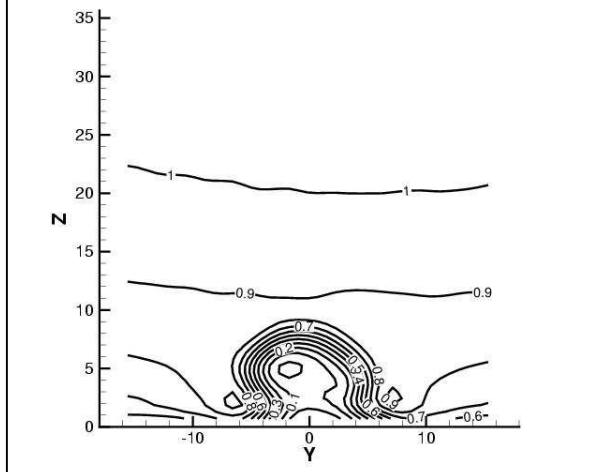


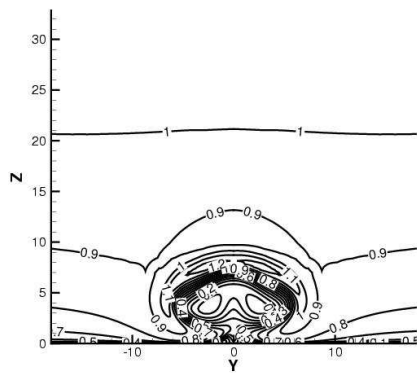Contours of phase-averaged u-velocity, y=0 plane, phase=120, NASA-fun3d-sa:



Contours of phase-averaged u-velocity, y=0 plane, phase=120, NASA-cfl3d-sst:



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Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, exp:



Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, ONERA-flu3m-les:



Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, NASA-cfl3d-sa(fine):



Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, CIRA-zen-ke-nocav:



Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, USTO-rans-tlv:



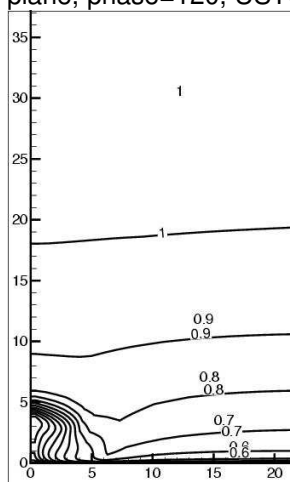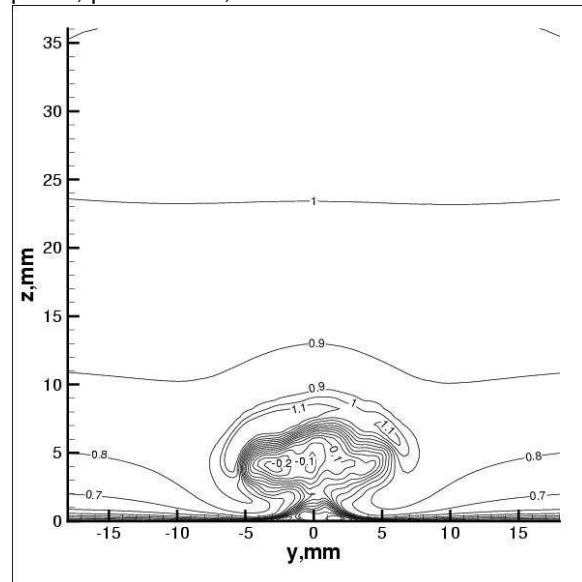Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, NASA-fun3d-sa(fine):



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Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, exp:

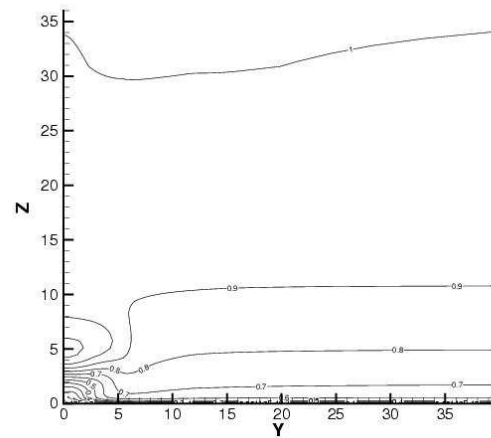Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, NASA-cfl3d-easm:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, NASA-cfl3d-sa:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, USTO-rans-easm:

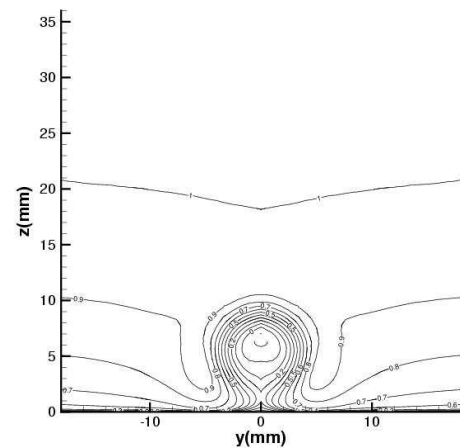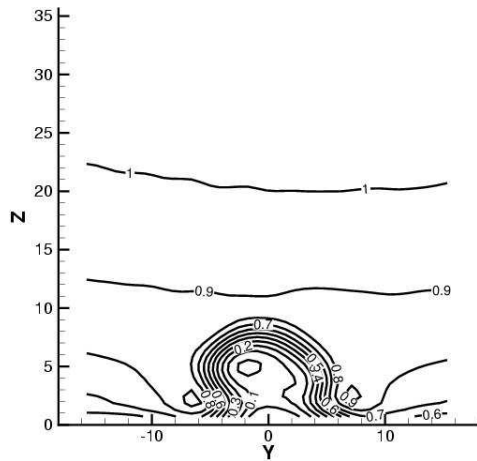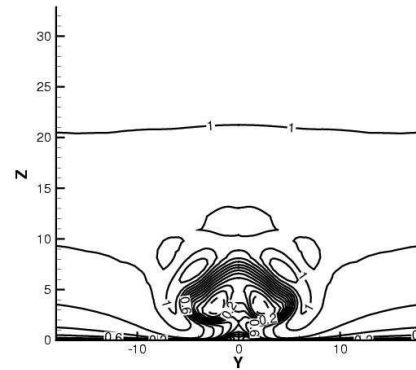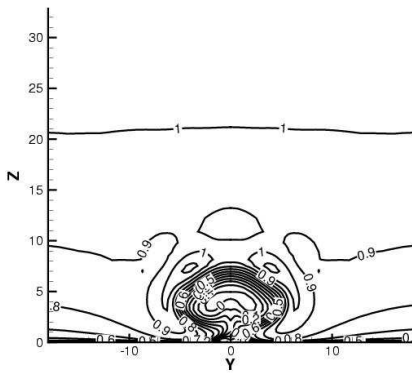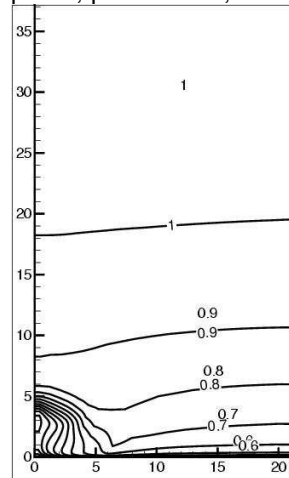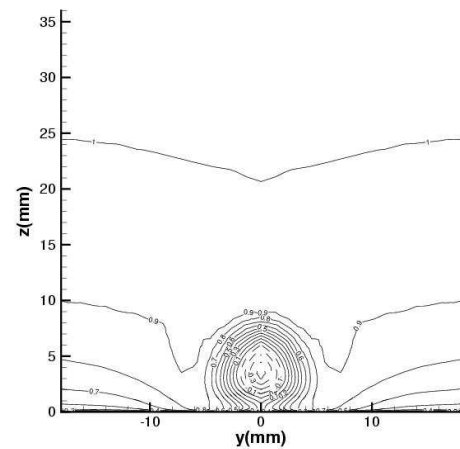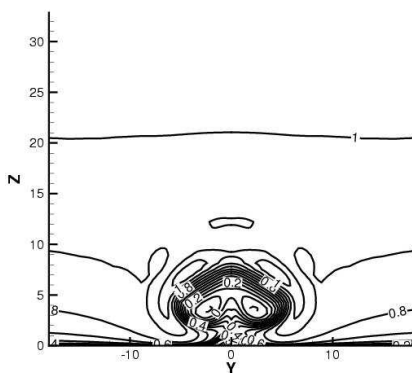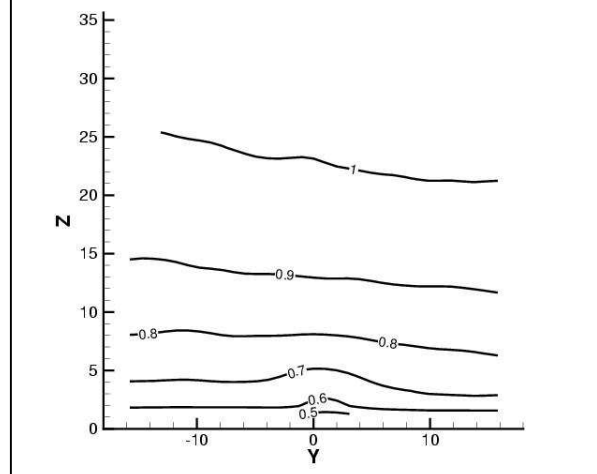Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, NASA-fun3d-sa:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=120, NASA-cfl3d-sst:

Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, exp:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, ONERA-flu3m-les:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, NASA-cfl3d-sa(fine):



Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, CIRA-zen-ke-nocav:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, USTO-rans-tlv:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, NASA-fun3d-sa(fine):



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Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, exp:

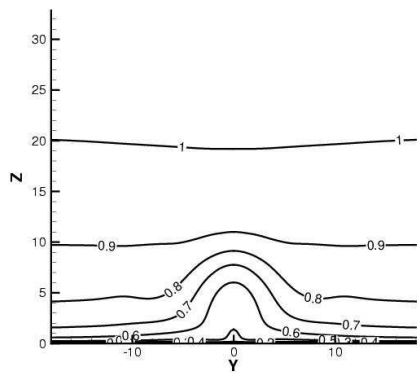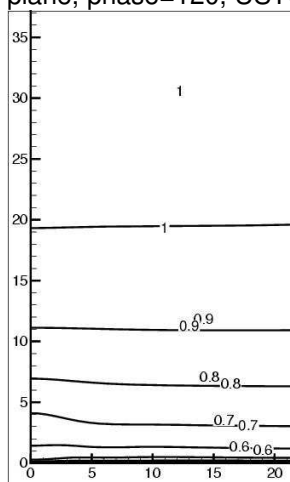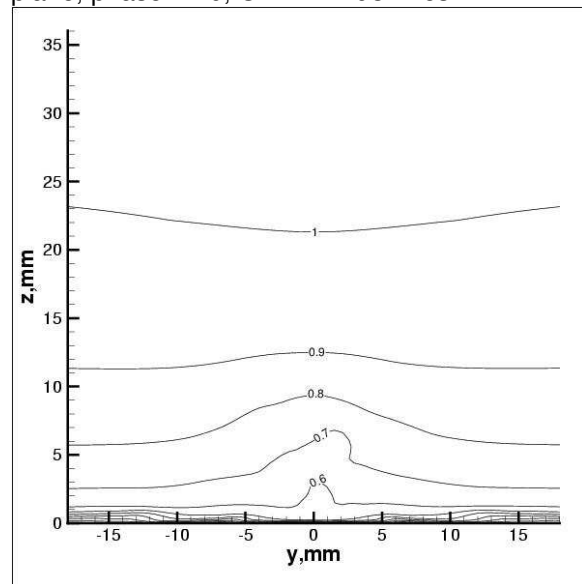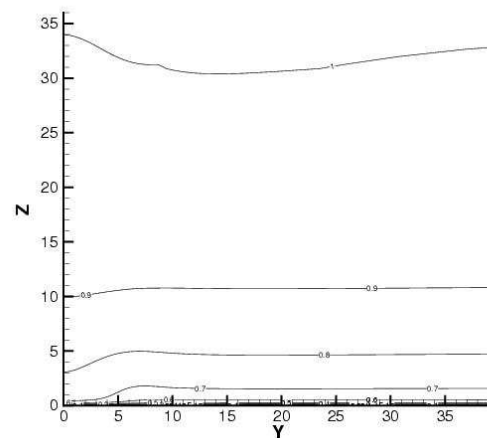Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, NASA-cfl3d-easm:

Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, NASA-cfl3d-sa:

Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, USTO-rans-easm:

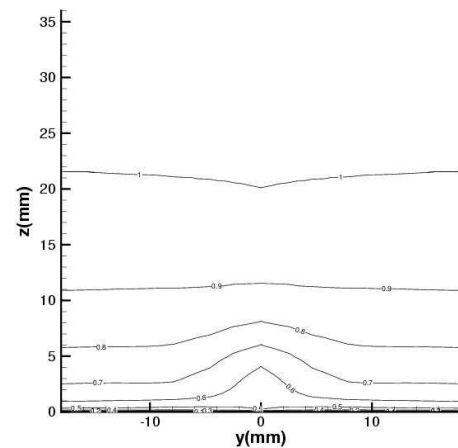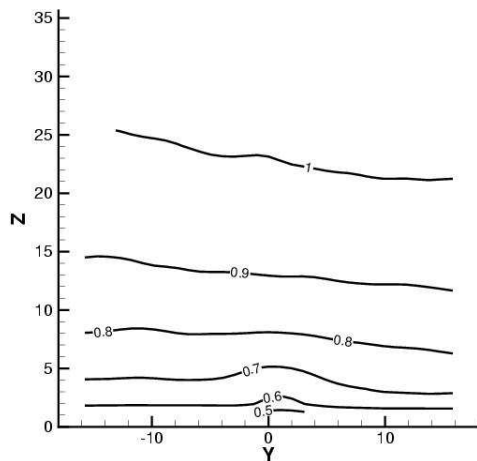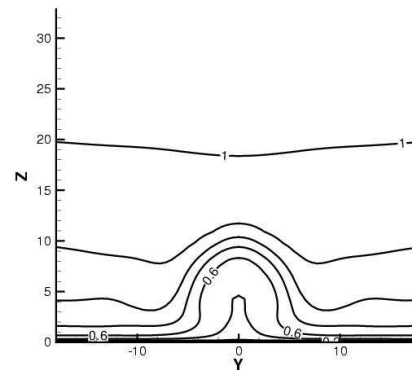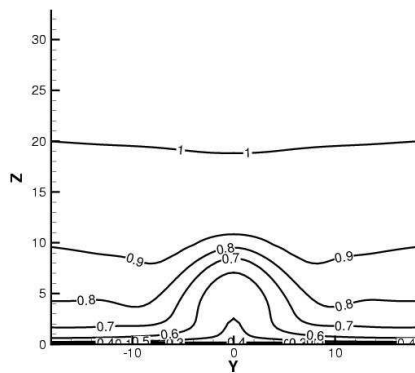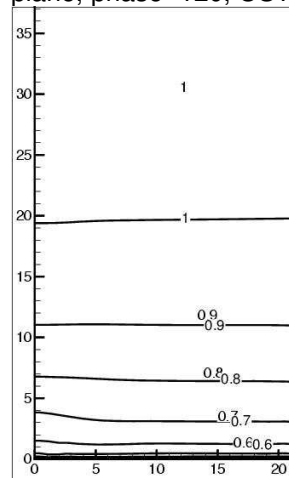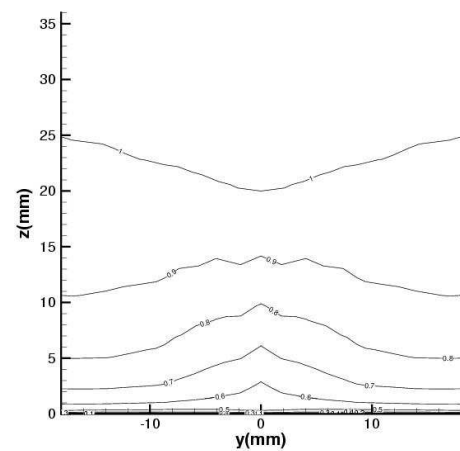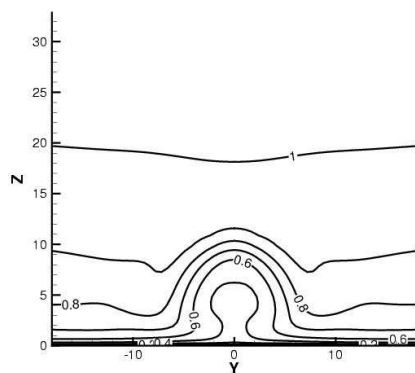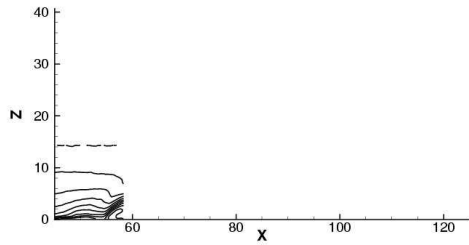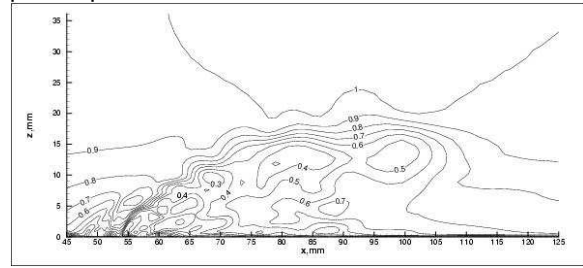Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, NASA-fun3d-sa:

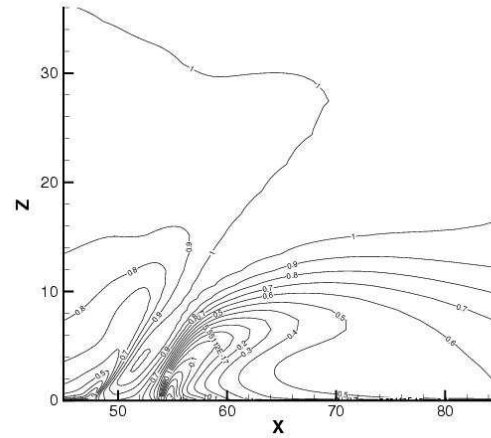Contours of phase-averaged u-velocity, x=76.2 plane, phase=120, NASA-cfl3d-sst:

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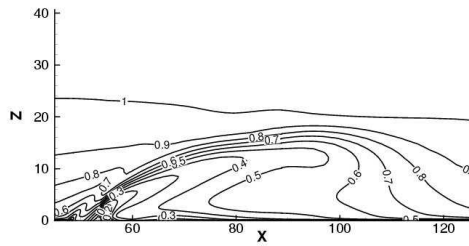Contours of phase-averaged u-velocity, y=0 plane, phase=200, exp:



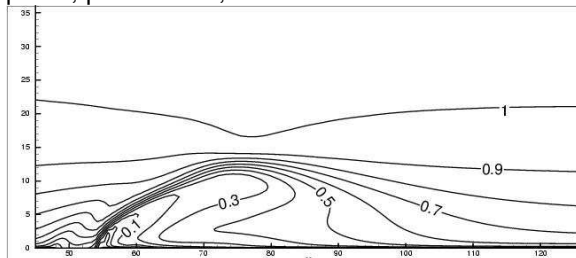Contours of phase-averaged u-velocity, y=0 plane, phase=200, ONERA-flu3m-les:



Contours of phase-averaged u-velocity, y=0 plane, phase=200, NASA-cfl3d-sa(fine):



Contours of phase-averaged u-velocity, y=0 plane, phase=200, CIRA-zen-ke-nocav:



Contours of phase-averaged u-velocity, y=0 plane, phase=200, USTO-rans-tlv:



Contours of phase-averaged u-velocity, y=0 plane, phase=200, NASA-fun3d-sa(fine):



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Contours of phase-averaged u-velocity, y=0 plane, phase=200, exp:

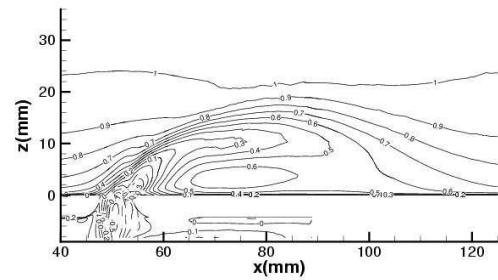Contours of phase-averaged u-velocity, y=0 plane, phase=200, NASA-cfl3d-easm:

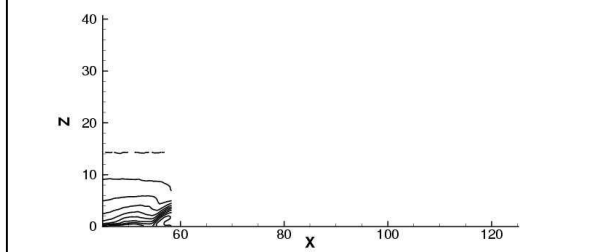Contours of phase-averaged u-velocity, y=0 plane, phase=200, NASA-cfl3d-sa:

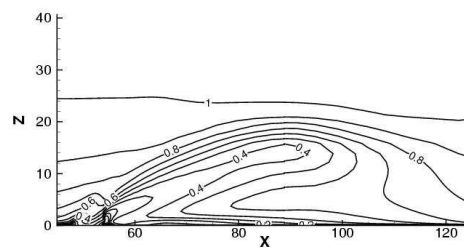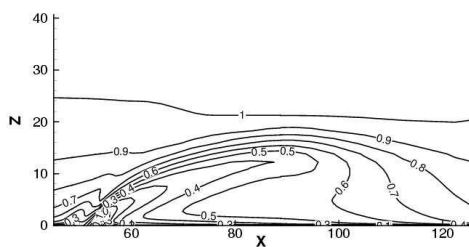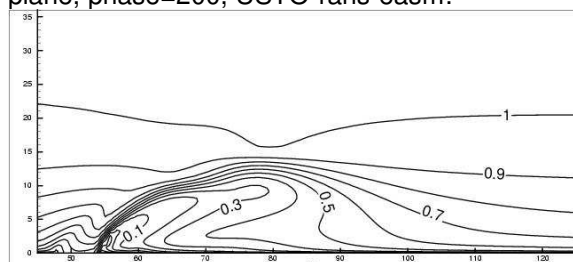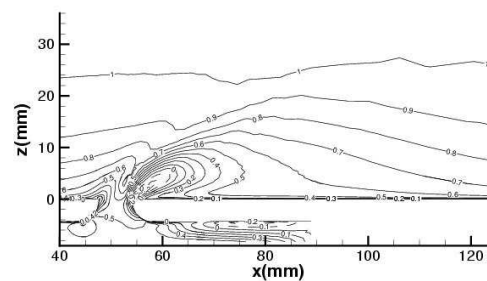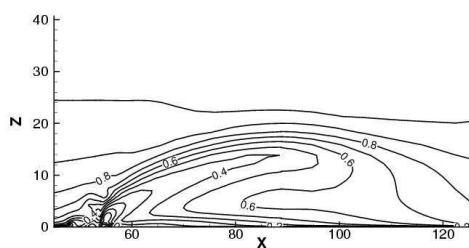Contours of phase-averaged u-velocity, y=0 plane, phase=200, USTO-rans-easm:

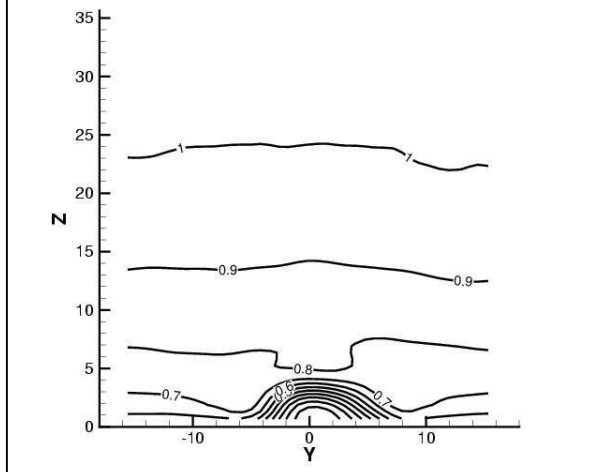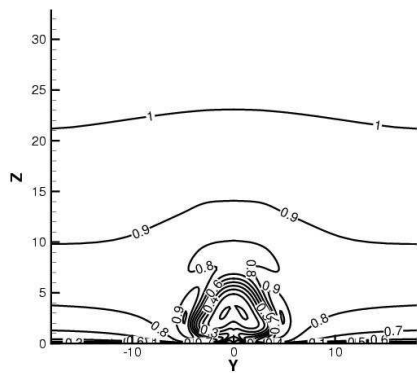Contours of phase-averaged u-velocity, y=0 plane, phase=200, NASA-fun3d-sa:

Contours of phase-averaged u-velocity, y=0 plane, phase=200, NASA-cfl3d-sst:

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Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, exp:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, ONERA-flu3m-les:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, NASA-cfl3d-sa(fine):

Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, CIRA-zen-ke-nocav:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, USTO-rans-tlv:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, NASA-fun3d-sa(fine):

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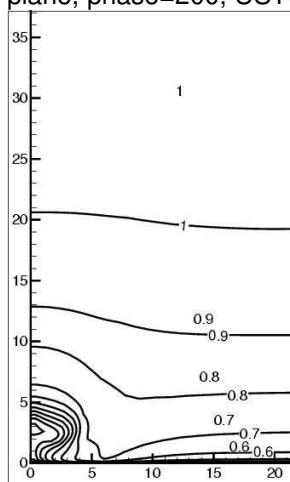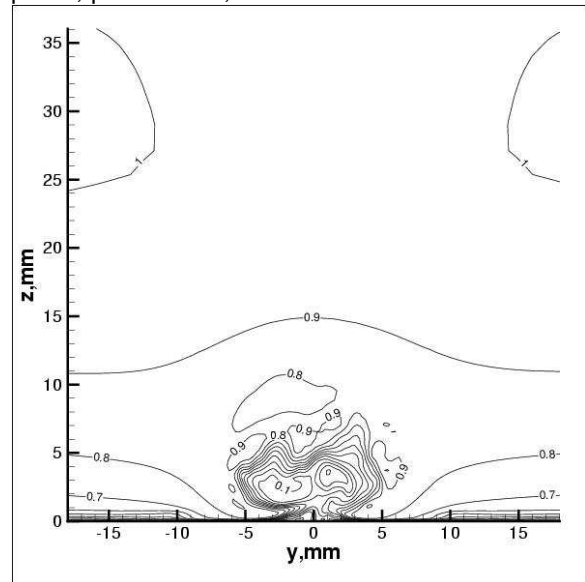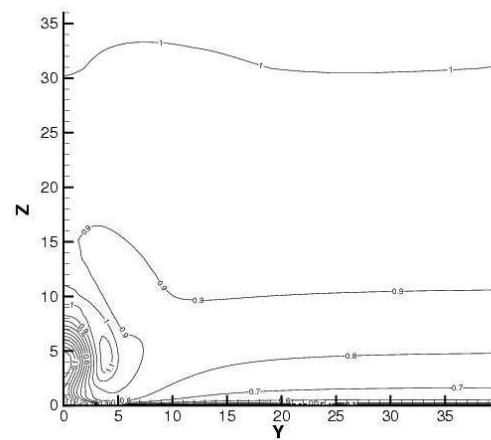
Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, exp:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, NASA-cfl3d-easm:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, NASA-cfl3d-sa:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, USTO-rans-easm:

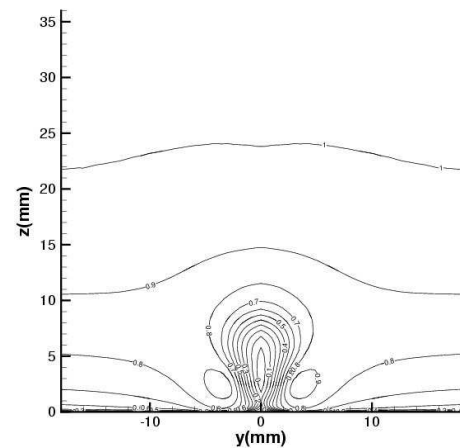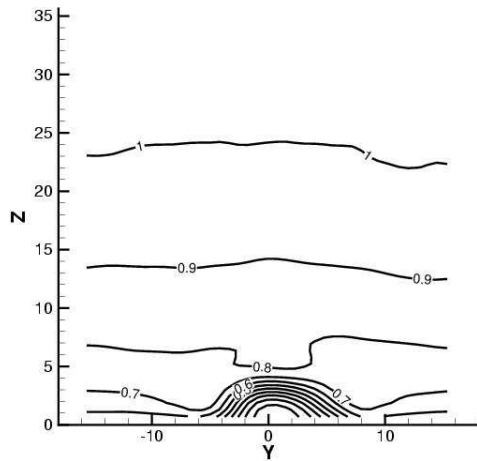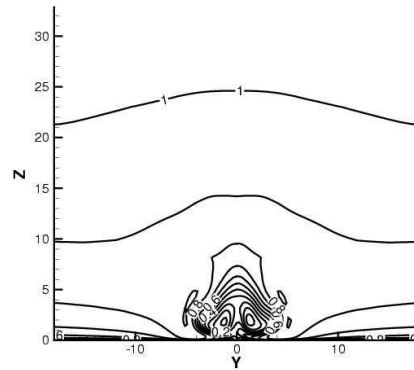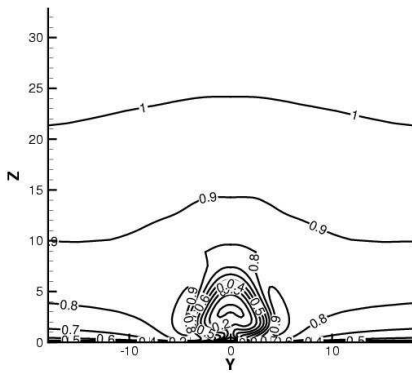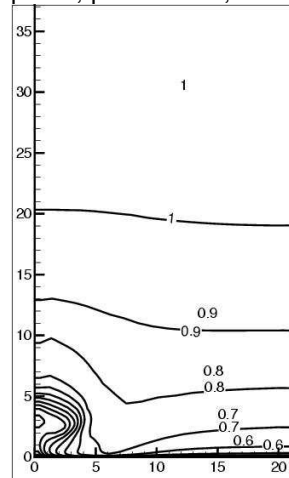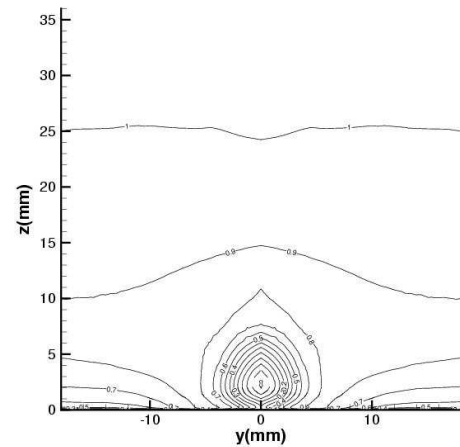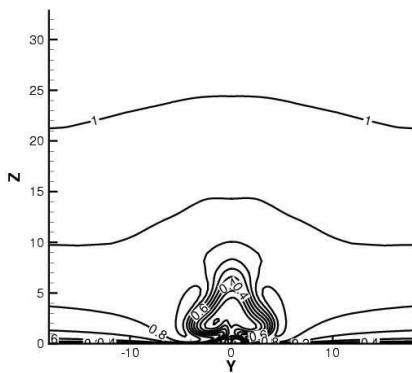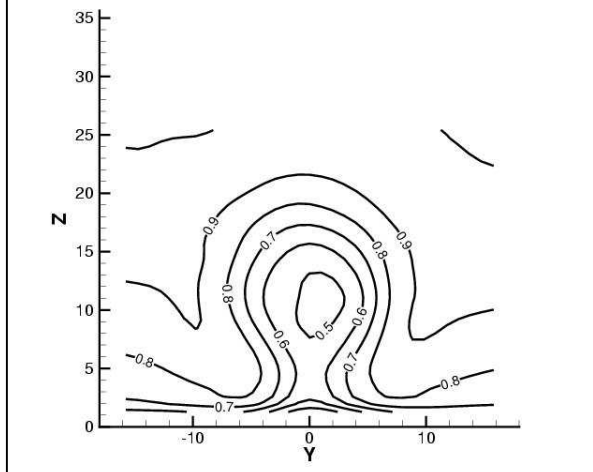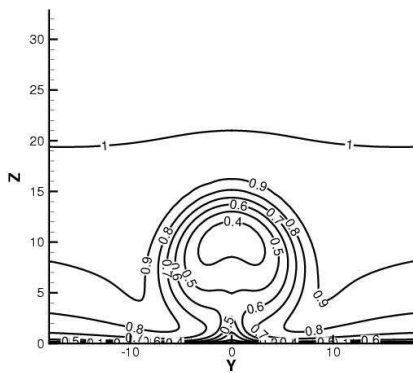Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, NASA-fun3d-sa:

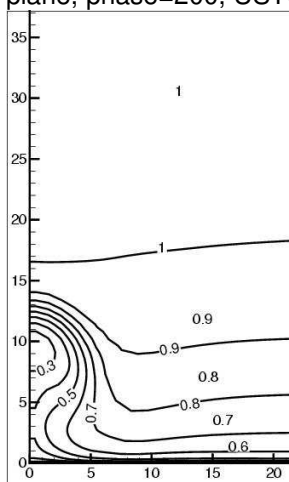Contours of phase-averaged u-velocity, x=57.15 plane, phase=200, NASA-cfl3d-sst:

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Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, exp:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, ONERA-flu3m-les:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, NASA-cfl3d-sa(fine):



Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, CIRA-zen-ke-nocav:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, USTO-rans-tlv:


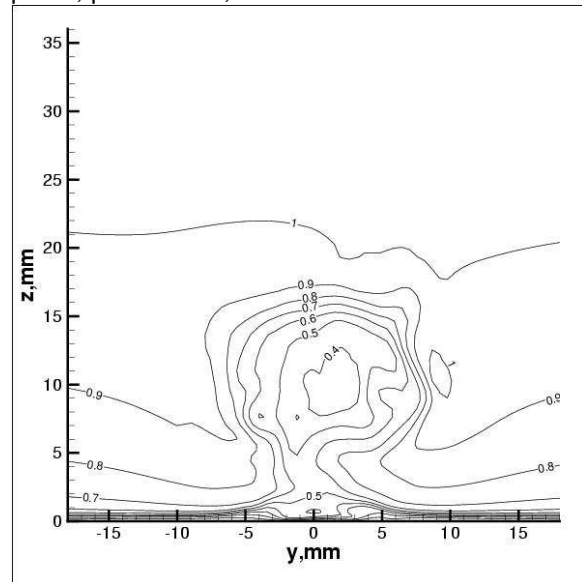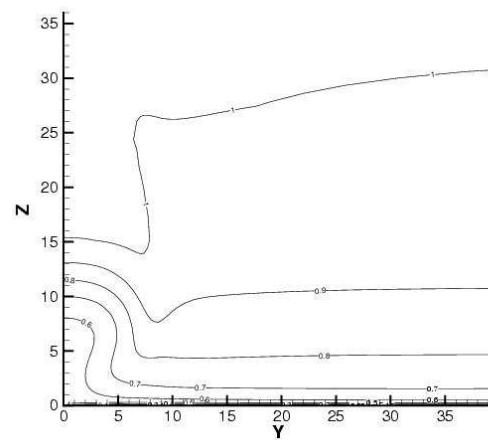
Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, NASA-fun3d-sa(fine):

Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, exp:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, NASA-cfl3d-easm:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, NASA-cfl3d-sa:



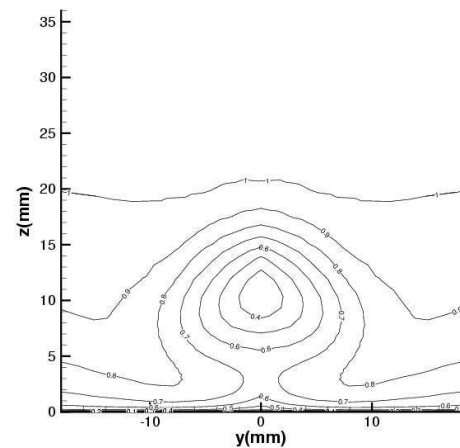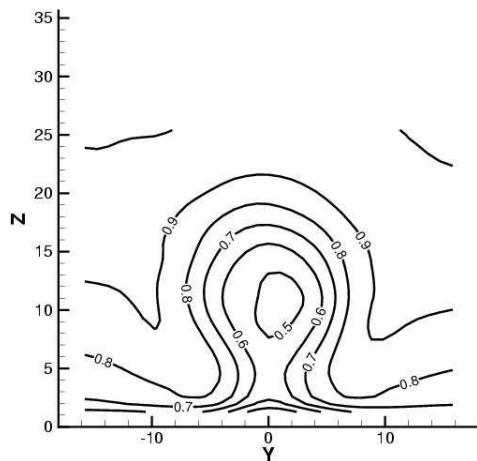Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, USTO-rans-easm:



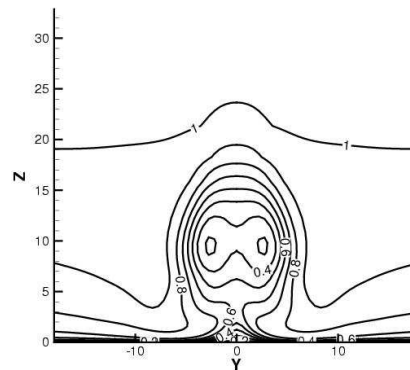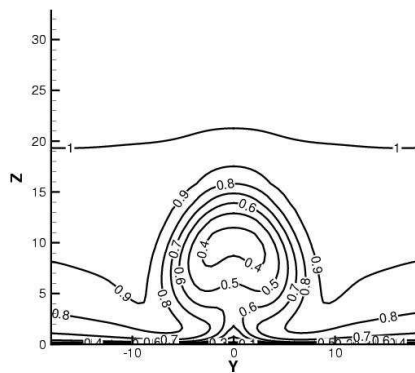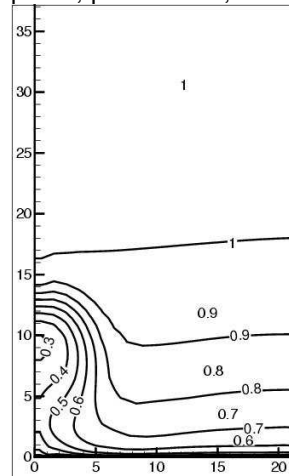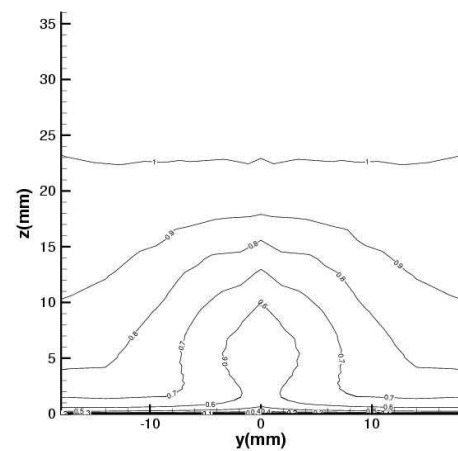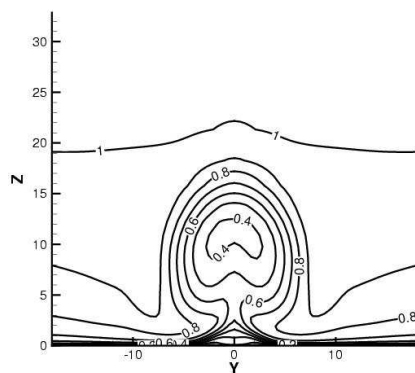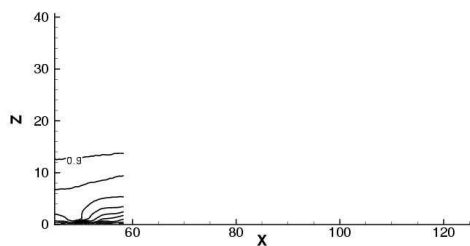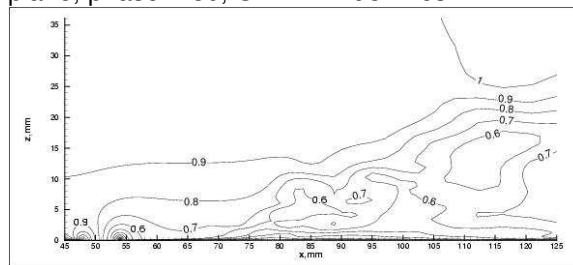Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, NASA-cfl3d-sst:



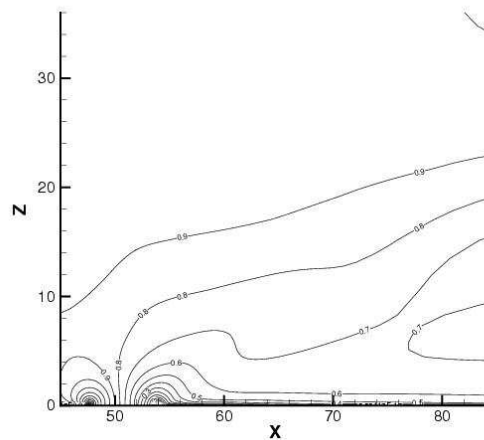Contours of phase-averaged u-velocity, x=76.2 plane, phase=200, NASA-fun3d-sa:

Contours of phase-averaged u-velocity, y=0 plane, phase=280, exp:



Contours of phase-averaged u-velocity, y=0 plane, phase=280, ONERA-flu3m-les:



Contours of phase-averaged u-velocity, y=0 plane, phase=280, NASA-cfl3d-sa(fine):



Contours of phase-averaged u-velocity, y=0 plane, phase=280, CIRA-zen-ke-nocav:



Contours of phase-averaged u-velocity, y=0 plane, phase=280, USTO-rans-tlv:



Contours of phase-averaged u-velocity, y=0 plane, phase=280, NASA-fun3d-sa(fine):



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Contours of phase-averaged u-velocity, y=0 plane, phase=280, exp:



Contours of phase-averaged u-velocity, y=0 plane, phase=280, NASA-cfl3d-easm:



Contours of phase-averaged u-velocity, y=0 plane, phase=280, NASA-cfl3d-sa:



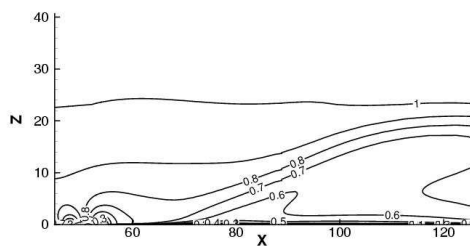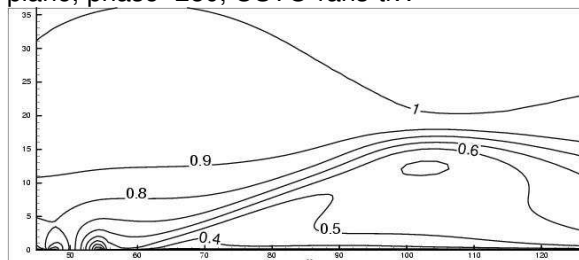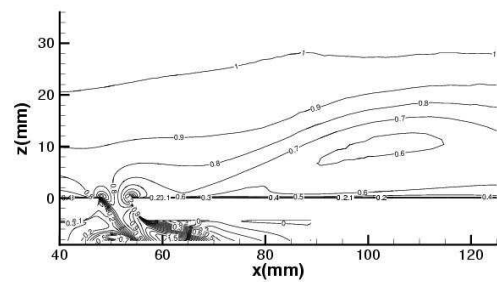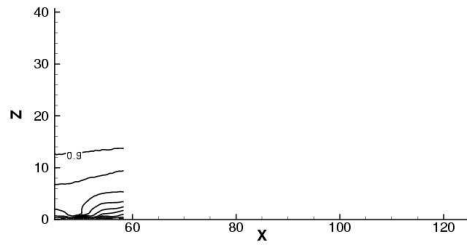Contours of phase-averaged u-velocity, y=0 plane, phase=280, USTO-rans-easm:



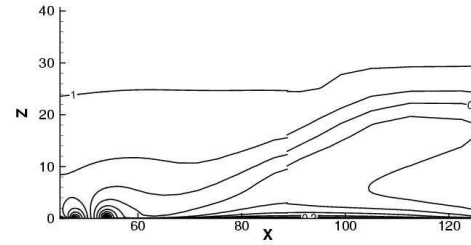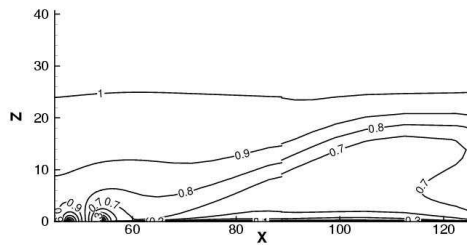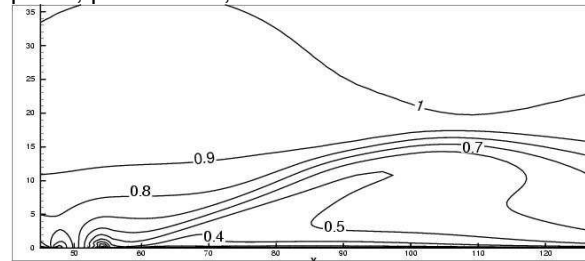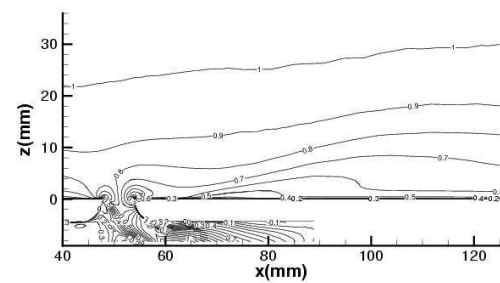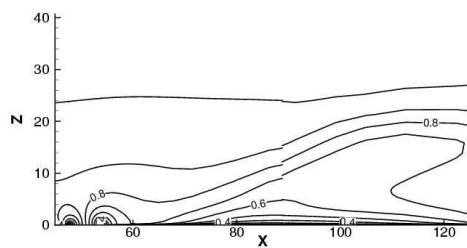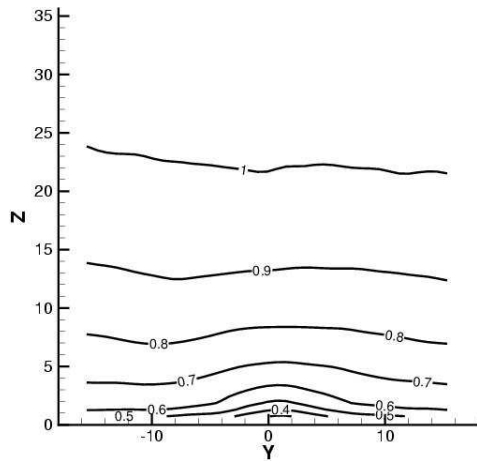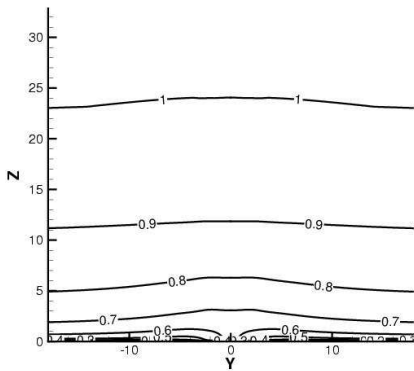Contours of phase-averaged u-velocity, y=0 plane, phase=280, NASA-fun3d-sa:



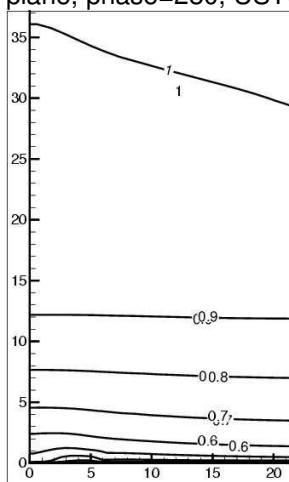Contours of phase-averaged u-velocity, y=0 plane, phase=280, NASA-cfl3d-sst:



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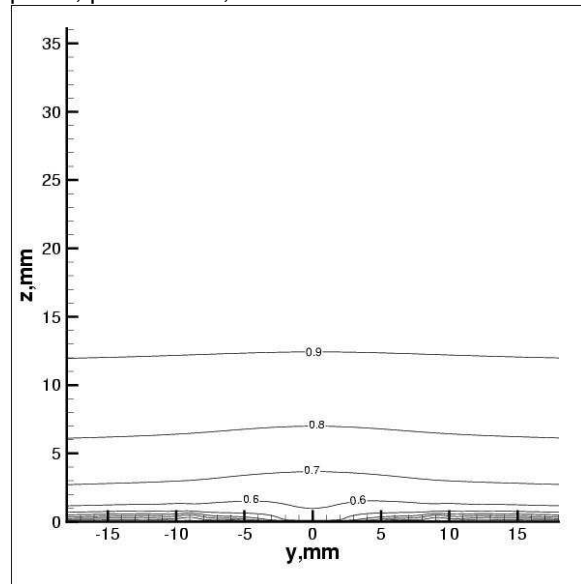Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, exp:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, ONERA-flu3m-les:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, NASA-cfl3d-sa(fine):

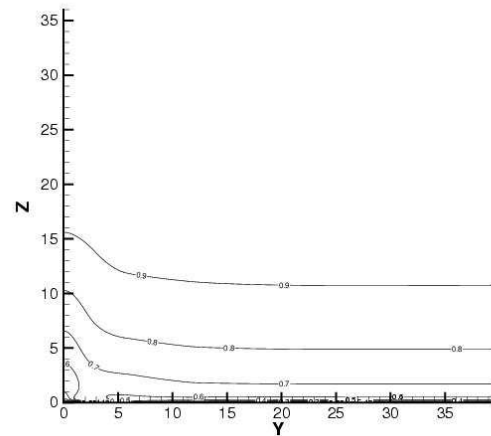Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, CIRA-zen-ke-nocav:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, USTO-rans-tlv:

Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, NASA-fun3d-sa(fine):

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Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, exp:



Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, NASA-cfl3d-easm:
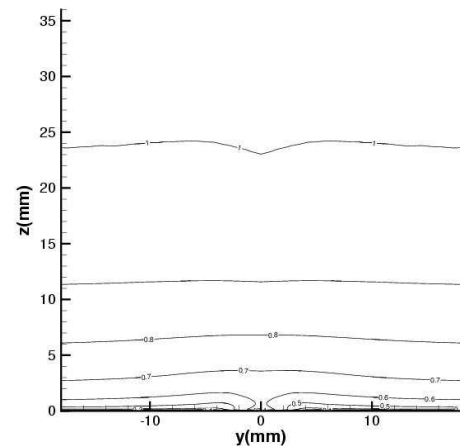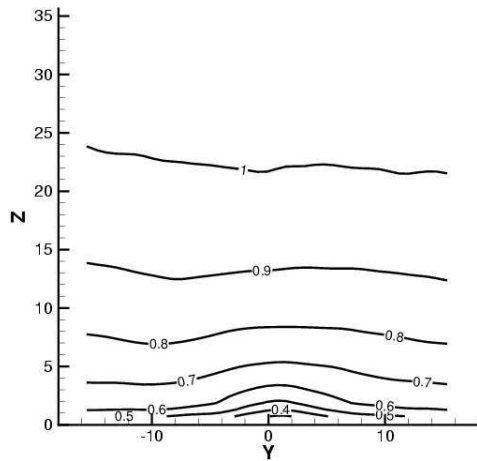


Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, NASA-cfl3d-sa:



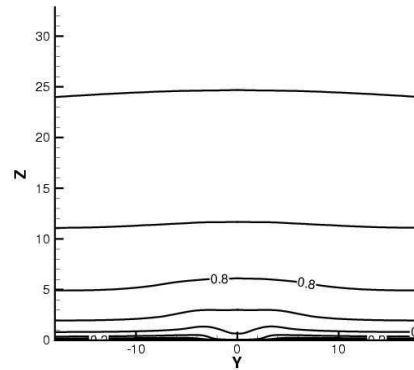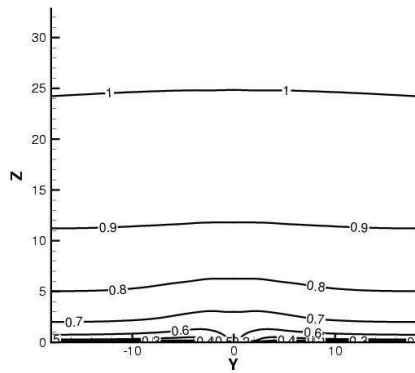Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, USTO-rans-easm:
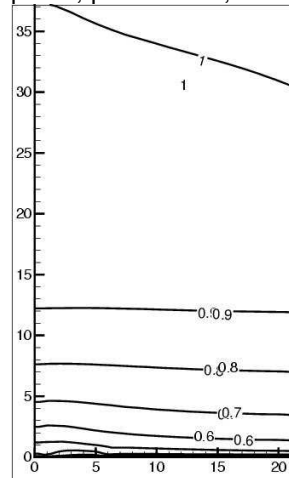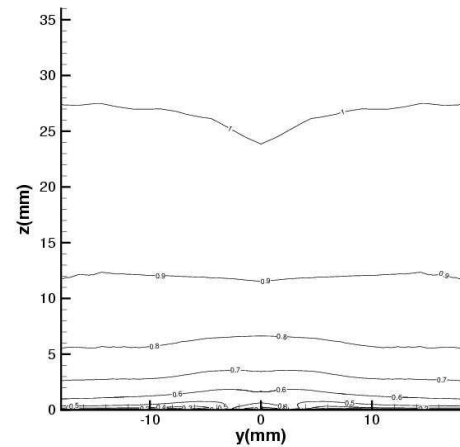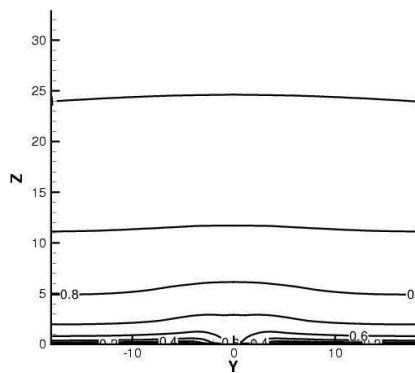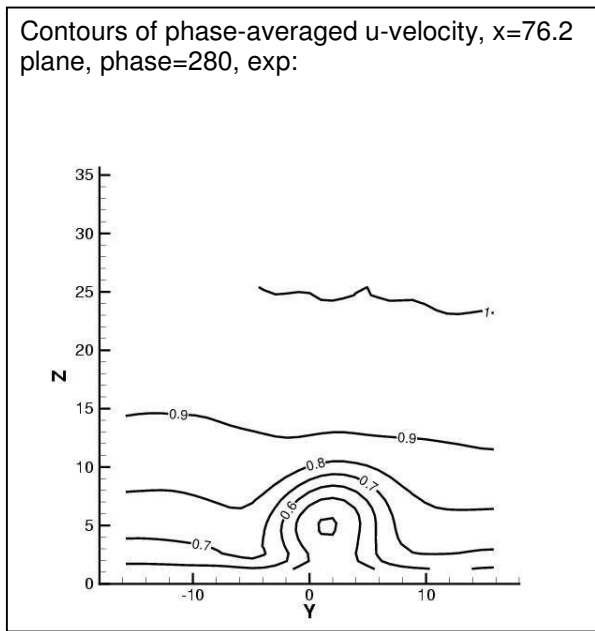


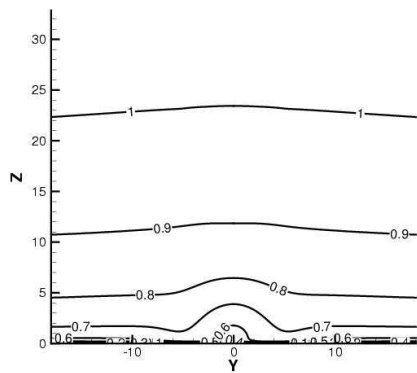Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, NASA-fun3d-sa:



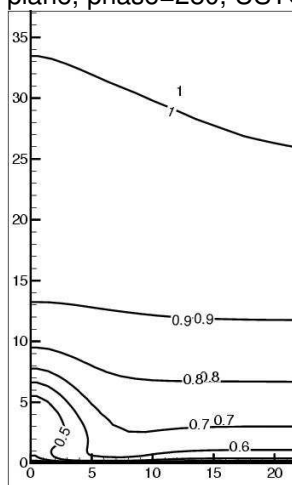Contours of phase-averaged u-velocity, x=57.15 plane, phase=280, NASA-cfl3d-sst:

Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, exp:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, ONERA-flu3m-les:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, NASA-cfl3d-sa(fine):



Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, CIRA-zen-ke-nocav:



Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, USTO-rans-tlv:


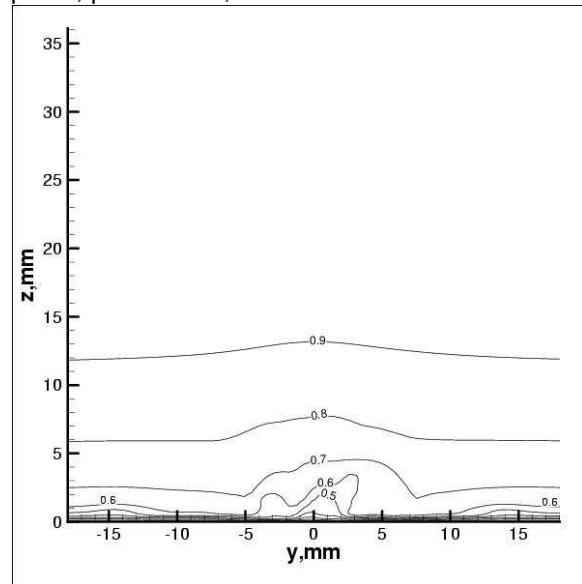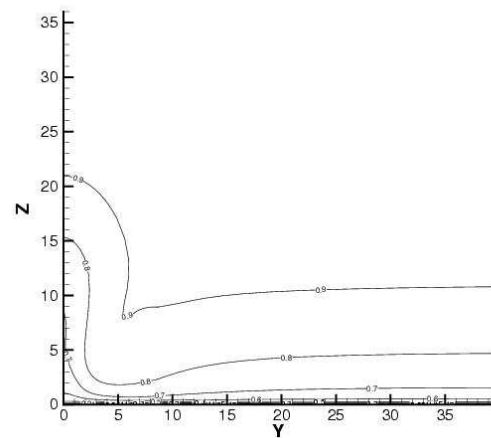
Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, NASA-fun3d-sa(fine):



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Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, exp:
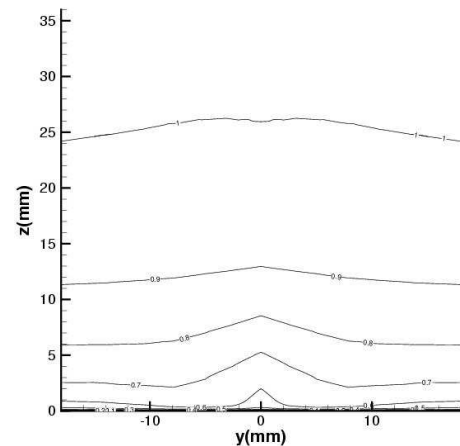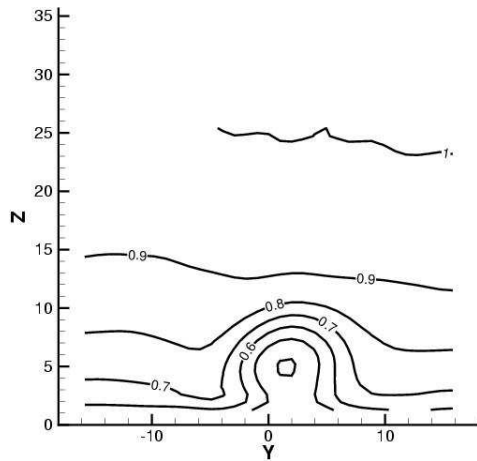
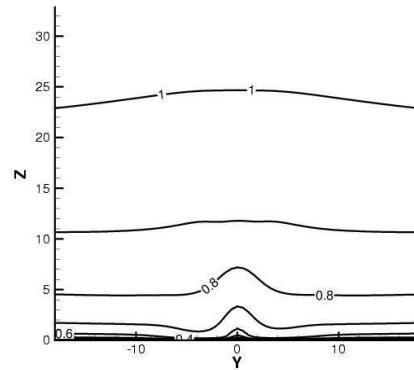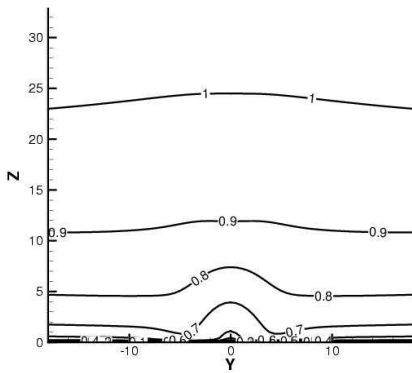Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, NASA-cfl3d-easm:

Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, NASA-cfl3d-sa:

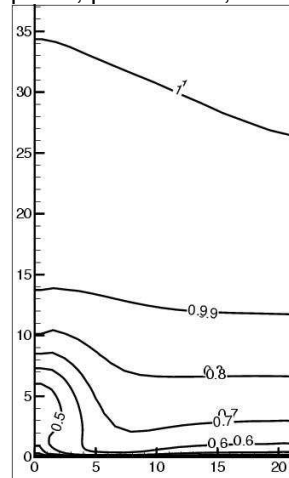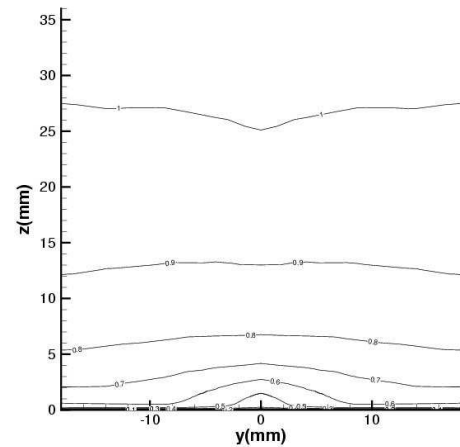Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, USTO-rans-easm:

Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, NASA-fun3d-sa:

Contours of phase-averaged u-velocity, x=76.2 plane, phase=280, NASA-cfl3d-sst:

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