

PID	Author	Model	Code	1a	1b	1c	1d	2a	2b	2c	2d	3	Case 1 committee grid	Case 1 participant grid	Case 2 committee grid	Case 2 participant grid	Tecplot Symbol	Notes (=[incomplete])
001.1	Chen	SA	Mflow	I	I	I	I	I	I	I	I	I	B3		E		A solid	NOT PRESENTING; no vel data for case 1 & 2
002.1	Ashton	SA	OpenFOAM	I										d-HLCRM	E		B solid	no iterative or vel data for case 1 & 2
002.2	Ashton	SA	Star-CCM+	I										d-HLCRM	E		B dash	no iterative or vel data for case 1 & 2; no F grid case 1a=16
003.1	Zastawny	SST	Star-CCM+	y	y	y	y	y	y	y	y	y	B3		D		C solid	
003.2	Zastawny	SA	Star-CCM+	y									B3				C dash	
003.3	Zastawny	ke lagEB	Star-CCM+	y									B3				C dot-dash	
003.4	Zastawny	SST-gamma	Star-CCM+					y							D		C dot-dot-dash	TRANSITION model
004.1	Glasby	SA-neg	Kestrel/COFFE									I			C1		D solid	P1 (2nd order) no vel data for case 3
004.2	Glasby	SA-neg	Kestrel/COFFE	y				I					b1 (high order)		C1		D long dash	P2 (3rd order) no iterative data case 2a or 2c
004.3	Eymann	SA	Kestrel	I										participant (?)			D dash	KCFD+SAMAir, Overset + cartesian grid (?=we do not have these grids); no C or M grid results for case 1 a=8
004.4	Eymann	SA	Kestrel					y								participant (?)	D dash 0.8	Time-accurate; KCFD+SAMAir, Overset + cartesian grid (?=we do not have these grids)
004.5	Nichols	BSL	Kestrel/KCFD	y								I	B2		C2		D dot-dash	no cp or iterative for case 3
004.6	Nichols	SA	Kestrel/KCFD	y								I	B2		C2		D dot-dot-dash	no cp or iterative for case 3
005.1	Coder	SA-RC-QCR-AFT2017b	OVERFLOW					I		I					A		E solid	TRANSITION model; no iterative data
005.2	Coder	SA-noft2-RC-QCR	OVERFLOW					I		I					A		E dash	no iterative data
006.1	Edge	SA-RC-QCR	CFD++	y					y	y	y	y	B2		D		F solid	moment is wrong
006.2	Edge	SA	CFD++									y					F dash	Case 3 only
007.1	Michal	SA-QCR	GGNS	y	y	y	y	y	y	y	y	I	B1	special (a-HLCRM)	C1	participant (?)	G solid	All cases were run normal and ADAPTED; Case 3 used SA, but missing u'v' (?=we do not have these JSM grids)
008.1	Yasuda	SA-noft2	CFlow	y	y	y	y	y	y	y	y	y	B3	n-HLCRM	D	e-JSM	H solid	Normal and ADAPTED
009.1	Mor-Yossef	SST-2003	Arion					I							C2		I solid	no iterative data, no vel data, missing alphas
009.2	Mor-Yossef	SST-2003	Arion					I							E		I dash	no iterative data, no vel data, missing alphas
010.1	Zore	SA	Fluent	y		y							B3				J solid	
010.2	Zore	SST	Fluent	I									B3				J dash	no alpha=16 for case 1
010.3	Zore	SST with a1=1	Fluent	y		y							B3				J dot-dash	
010.4	Zore	BSL	Fluent	y		y							B3				J dot-dot-dash	
011.1	Ito	SA-noft2-R	TAS	y				y		y	y	y	B3		D		K solid	
011.2	Ito	SA-noft2-R-QCR2000	TAS	y				y		y	y	y	B3		D		K dash	
012.1	Li	SA-QCR	CFD++	y		y		y		y	y	I		e2-HLCRM	C2		L solid	case 3 missing min U and u'v'
012.2	Li	SA-RC-QCR	GGNS	I		y								e1-HLCRM			L dash	no F grid case 1a
013.1	Konig	LBM-VLES	PowerFLOW					y		y	y					participant (?)	M solid	Lattice-Boltzmann method (?=we do not have these grids)
014.1	Lofthouse	SARC	Kestrel	y				y		y			B2		C2		N solid	NOT PRESENTING
014.2	Lofthouse	SARC+DDES	Kestrel	y				y		y			B2		C2		N dash	NOT PRESENTING
015.1	Wang	SA	TRIP	y						y	y	I		participant (?)		participant (?)	O solid	(?=we do not have these grids) ANSYS structured grids includes Tiny; NOT PRESENTING; case 3 missing min U
016.1	Pogosyan	RSM-SSG/LRR-w	LOGOS	y				y		y	y	I	B3		A	participant (?)	P solid	NOT PRESENTING (?=we do not have these grids) Logos unstr
016.2	Pogosyan	SA	LOGOS	y				y		y	y	I	B3			participant (?)	P dash	NOT PRESENTING (?=we do not have these grids) Logos unstr
016.3	Pogosyan	SST	LOGOS	y				y		y	y	I	B3			participant (?)	P dot-dash	NOT PRESENTING (?=we do not have these grids) Logos unstr
017.1	Risley-Settle	SA-neg	TAU					y		y					B		Q solid	extra alphas provided
017.2	Risley-Settle	SA-neg	TAU					y		y						f-JSM	Q dash	extra alphas provided
018.1	Moens	SA	elsa	I									B2				R solid	no F grid case 1a
019.1	Scalabrin	SA	SU2	y				y		y	y		B3		C2		S solid	
019.2	Scalabrin	SA-RC-QCR	CFD++	y		y		y		y	y		B3		C2		S dash	
019.3	Scalabrin	SA-RC-QCR	CFD++	y		y		y		y	y		B2		E		S dot-dash	
019.4	Scalabrin	SA-RC-QCR	CFD++	y										r-HLCRM			S dot-dot-dash	
021.1	daSilva	SA	BRU3D	y				y		y	y			d-HLCRM	E		U solid	
022.1	Pulliam	SA-noft2-RC-QCR2000	OVERFLOW	y		y		y		y	y		A		A		V solid	
022.2	Pulliam	SA-noft2	OVERFLOW					y		y	y				A		V dash	Case 3 done 2 ways (w and w/o low-M preconditioning)
022.3	Pulliam	SA-noft2-RC-QCR2000	OVERFLOW					y		y	y				A		V dot-dash	time-accurate
023.1	Yousuf	SA-RC-QCR	BCFD	y				y		y	y			e2-HLCRM	E		W solid	
023.2	Yousuf	SA-RC	BCFD														W dash	Case 3 only
023.3	Yousuf	SA	BCFD														W dot-dash	Case 3 only
023.4	Yousuf	SST	BCFD														W dot-dot-dash	Case 3 only
024.1	Tamaki	SA-noft2-R	UTCart					y		y						participant (?)	X solid	(?=we do not have these grids) automatically-generated Cartesian
025.1	Cimpoeru	SST-V-sust	zCFD	y				I		I		y		participant (?)		participant (?)	Y solid	(?=we do not have these grids) Cartesian octree; missing alphas for case 2
026.1	Rudnik	SA-neg	TAU	y				y		y	y			p-HLCRM	B		Z solid	
026.2	Rudnik	SA-neg	TAU	y										participant (?)			Z dash 5.0	same as grid B except has "corrected number of TE points"
028.1	O'Connell	LBM-VLES	PowerFLOW	I		I								participant (?)			a solid	Lattice-Boltzmann method (?=we do not have these grids); no alpha=16 results
030.1	Langlois	Wilcox88	Dragon	y				y		y	y		B2		E		b solid	extra alphas provided
030.2	Langlois	Wilcox88	Dragon	y		I		y		y				f-HLCRM		b-JSM	b dash	extra alphas provided; no cp/cf or vel for case 1c
030.3	Langlois	Wilcox88	Dragon					y							E		b dot-dash	TRANSITION specified; extra alphas provided
030.4	Langlois	Wilcox88	Dragon					y		y						b-JSM	b dot-dot-dash	TRANSITION specified; extra alphas provided; some fine grid results also provided for case 2a
030.5	Langlois	SA	Dragon									y					b long dash	Case 3 only
030.6	Langlois	SST	Dragon									y					b dash 0.8	Case 3 only
030.7	Langlois	Wilcox98	Dragon									y					b dash 0.5	Case 3 only
031.1	Brionnaud	WALE	XFlow	I				I		I				participant (?)		participant (?)	d solid	(?=we do not have these grids) custom-built; a few missing alphas for case 2; no velocity data; no cp data for case 2a/c
032.1	Jansson	FEM adaptive	Unicorn					I		I						participant (?)	e solid	(?=we do not have these grids) ADAPTED; missing alphas
033.1	Jensen	SA-noft2	LAVA	y		y		y		y	y		A		A		f solid	
033.2	Jensen	SA	LAVA								y					participant (?)	f dash	(?=we do not have these grids) - polyhedral, changed from original participant grid uploaded (a-JSM)
034.1	Escobar	SA	SU2	I								y	B3				g solid	no F grid case 1a
035.1	Jansen	SA-noft2	PHASTA	y				y		y	y		B1		C1		h solid	
035.2	Jansen	SA-noft2-QCR2000	PHASTA					y							C1		h dash	
035.3	Jansen	SA-noft2	PHASTA	I										participant (?)			h dot-dash	no F grid case 1a
036.1	Luo	SST	FUN3D	I									B1				m solid	no vel data
036.2	Luo	SA-neg	FUN3D					I		I					C1		m dash	no vel or iterative data provided for case 2
036.3	Luo	gamma-Ret-SST	OpenFOAM									I					m dot-dot-dash	Case 3 only; no cp data
036.4	Luo	SA	OpenFOAM														m long dash	Case 3 only; no u'v' data
036.5	Luo	SST (mod)	OpenFOAM					I		I		I				participant (?)	m dash 0.8	(?=we do not have these grids) - polyhedral; no iterative or vel data case 2; no u'v' data case 3
039.1	Powell	SA	FUN3D	I				I		I			B2		C2		q solid	no vel data
039.2	Powell	SA	FUN3D	I										s-HLCRM			q dash	no vel data; no a8 results
040.1	Duque	SA-noft2	OVERFLOW	y									A				r solid	

PID blue=modified
PID red=new
PID black=no change