								MAAS							
	Squadron		Variant Plane	Set	Constr	CAT	Date	Held	Location	Reason	Accident Investigation Finding		Update	Pilot	Navigator
XX950 ZA586 A	BAE No. 9	Po8 GR1	Po8 BS029 9	-	3050	5	12/06/1979 27/09/1983	Yes	Crashed into Irish Sea, 44m off Blackpool Crashed on Wolferton Marsh. near Kings Lynn	Flew into sea in misty conditions Suffered complete electrical failure	Technical Defect	2K 1K 10K	20/08/2007	Son Ldr Michael Stepher Flt L	+ NI Niickdor
ZA558 F	No. 617	GR1			3050	5	28/10/1983			Joneseo Complete electrical allore Pilot lost control, believed through incapacitation of some kind leading Navigator to instigate command ejection	Not Positively Determined	1K 10K		Sqn Ldr G Thurston	LUN INICKIES
ZA451 ED	No. 15	GR1			3117	5	06/02/1984		Crashed 15m South West of Wilhelmshaven, Germany	Lightning strike caused starboard underwing fuel tank to catch fire/explode	Aircrew Error	2 OK			
ZA408 408	TWCU	GR1	BS075 22		3107	5	12/07/1984	Yes	Crashed near Hempstead, Norfolk	Collided with Jaguar XZ393(crashed into North Sea), 2m NW of Sherringham, Norfolk	Aircrew Error	3 OK	29/04/2000		
ZA494 15	No. 27	GR1	BS110 31		3146	5	18/07/1984		Crashed on approach to Goose Bay, Canada	Loss of control due to flap failure, aircraft crashed inverted into woodland (unsynchronised controls)	Technical Defect	20K	20/08/2007		
ZA603 08 ZA610 B	No. 27	GR1	BS041 12		3067	5	08/11/1984			Accidental double ejection during evading action to avoid a mid air collision with an A10.	Aircrew Error	20K	20/08/2007		
	No. 617 TWCU	GR1 GR1T	BS047 14 BT020 7/		3074	5	12/12/1985			Flew into the North Sea whilst attempting to find a Buccaneer tanker On approach to Honington excessive heat believed to be from the ECS system causing carbon arc within an adjacent electrical loom.	Not Positively Determined Not Positively Determined	2K 2OK	20/08/2007	Fit Lt J Magowan Sgn	l dr F I Wyer
ZA555 555 ZA605 G	No 617	GR1	BS042 13		3039	5	10/12/1986			On approach or holing on excessive hear benefied to be non-the ECS system casing carbon and whilm an adjacent execution on the Mid air collision with ZAS11 on information in sission. ZAS11 recovered to Marham, hit from behind and below	Aircrew Error	20K			t A M Randall
ZD894 BE	No. 14	GR1	BS154 47		3214	5	30/03/1987		Crashed near Hunxe, Germany	The starboard taileron failed causing loss of control, a retaining bolt fell out due to failure of the locking mechanism	Technical Defect	20K		Flt Lt J A Hill Flt L	t J P Maloney
ZA366 366	TWCU	GRiT	BT030 15	9	3080	5	03/06/1987	Yes	Crashed on old airfield, Manby, Lincs	Crew ejected after loss of control due to fire damaging the flight control mechanism	Technical Defect	20K	20/08/2007	Wing Cmr A V B Hawker Win	ig Cmr N R Irving
ZA493 GH	No. 20	GR1	BS109 31		3145	5	17/06/1987			Mid air collision with Jaguar XZ116, starboard wing of the Tornado hit the cockpit and wing root area of the Jaguar.	Operational Hazard	20K 1K			_t J S Head
ZD738 DD	No. 31	GR1	BS122 35		3163	5	27/07/1987			Crew ejected after experiencing locked controls/Hydraulic Failure(Gas in system)	Technical Defect/OrganisationalDefect Aircrew Error				_t Lloyd _t S P Townend
ZA448 EB ZD868 C1	No. 15	GR1 GR1	BS078 23 BS137 40		3114 3187	5	30/03/1988		Crashed on Nellis range during Green Flag Crashed into field near Beroe-Heseke. Germany	Lost control whilst trying to break a SAM radar lock , SPILS was turned off and incorrect wing configuration Dived into ground whilst returning to low level	Aircrew Error Aircrew Error	20K	20/08/2007	Fig Off I D Robinsion Fit L	Lt S P Townend
ZA329 B-52	TTTE	GR1 GR1	BS005 24		3011	5	09/08/1988		Crashed into neu neu bergerneseke, dermany	Diveo into ground winast recording to low lever Mid air collision with ZASq3, near Blencam, Cumbria	Operational Hazard	2K	20/08/2007		
ZA593 MF	No. 617	GR1	BS036 10		3057	5	09/08/1988	Yes	Crashed near Mulbery, Cumbria	Mid air collision with ZA329, near Blencarri, Cumbria	Operational Hazard	2K	20/08/2007		
ZD891 BB	No. 14	GR1	BS151 45	5	3208	5	13/01/1989		Crashed near Wiesmoor, W Germany	Mid air collision with Alpha Jet 40+87, Tornado radome hit the front lower section of the Alpha jets starboard drop tank.	Aircrew Error	2K 10K	20/08/2007		
ZA468 EN	No. 15	GR1	BS098 28		3134	5	20/07/1989			Suffered engine failure on take off from RAF Laarbruch, (nose wheel also failed to retract on takeoff)	Engine Surge Issue	20K	20/08/2007	-	
ZE833 EC	No. 23	F3	AS077 72		3330	5	21/07/1989		Crashed into North Sea 30M NE of Newcastle	Crashed after failing to pull out of dive	Aircrew Error	1K 10K	31/03/2006		
ZD710 BJ 7A396 II	No. 14 No. 2	GR1 GR1A	BS114 32 BS061 19		3151	5	14/09/1989	Yes	Crashed near Drayton, Oxon Crashed in field E of Hexham	Bird strike on take off from Abingdon Mid air collision with Jaquar XZ108 over Spadeadam range, port wing of Jaquar damaged the Tornado fin causing loss of control	Bird Strike Operational Hazard	20K 20K	20/08/2007	Fit Lt I J McLean Fit L	Lt N Johnston
ZA394 II ZA454 EH	NO. 2 No. 15	GR1A GR1	BS084 25		3093 3120	5	09/01/1990 30/04/1990			Mid air collision with Jaguar X2108 over spadeadam range, port wing of Jaguar damaged the Lornado fin causing loss of control Uncontained starboard enoine fine due to internal component failure	Operational Hazard Technical Defect	20K 20K	20/08/2007 20/08/2007	FILLET J MCLEan HILL	Len Johnston
ZA545 545	TWCU	GR1	BS014 5		3029	5	14/08/1990		Crashed into North Sea,12m E of Spurn Head	Mid air collision with ZA454	Aircrew Error	2K	20/08/2007		
ZA464 GM	No. 20	GR1		6	3130	5	14/08/1990	Yes	Crashed into North Sea,12m E of Spurn Head	Mid air collision with ZA545	Aircrew Error	10K 1K	20/08/2007		
ZA561 JH	No. 27	GR1	BS025 84		3045	5	16/08/1990			Dived into sea whilst practicing low level loft maneuver	Aircrew Error	2K	20/08/2007		
ZA466 FH	No. 16	GR1	BS096 28		3132	5	18/10/1990			Main undercarriage struck raised arrestor barrier on landing, causing nose wheel to hit the runway first and collapse, skidded along runway and caught fire, crew		20K	20/08/2007		
ZD718 BH ZA392 EK	No. 14 No. 15	GR1 GR1	BS119 34 BS059 18		3160	5	13/01/1991	No	Crashed 14om west of Masirah, Oman Aircraft hit ground 16km from target on run home, cause unknown	Flew into the desert whilst attemping low level turn Nicht JP232 mission on Shaibah Airfield	Aircrew Error	2K 2K		Wna Cmdr Niael Elsdon Flt L	A Mary Collins
ZD791 BG	NO.15	GR1 GR1	BS134 40		3091	5	17/01/1991			Night JP 233 mission on Shaloan Aumeio Shot down by shoulder Jaunched SAM on 454kg low level attack.	Enemy Action	2POW			Lt John Nichol
ZA396 GE	No. 20	GR1 GR1	BS063 19		3095	5	19/01/1991			Night attack on Talli airfield, supporting JP233 mission, believed Roland.	Enemy Action	2POW			t Robert Stuart
ZD893 AG	No. 9	GR1	BS153 46		3211	5	20/01/1991		Crashed at Tabuk, Saudi Arabia	Technical problem on takeoff, crew ejected after two aborted landing attempts		20K	02/12/2005	Wng Cmdr Mike Heath Sqn	Ldr Peter Battson
ZA467 FF	No. 31	GR1	BS097 28		3133	5	22/01/1991		Crashed on Bombing mission to Ar Rutbah, Iraq	Aircraft hit ground, cause unknown.		2K			Ldr Adrian Paul 'Kev' Weel
ZA403 CO	No. 31	GR1	BS070 21		3102	5	24/01/1991		Crashed near Ar Rumaylah airfield, Iraq	454kg VT fused bomb exploded prematurely causing catastrophic damage		2POW			Ldr Bob Ankerson
ZD717 CD ZA376 -	No. 15 No. 20	GR1 GR1	BS118 34 BS058 18		3159 3090	5	14/02/1991 10/05/1991		Shot down near Baklawia, 12m W of Fallouja, Iraq Crashed nr Lubberstedt, Germany, on training mission	Shot down, believed SA - 3 on daylight medium altitude sortie. 454kg LGBs Alleged loss of control	Enemy Action Aircrew Error	1POW 1K 2OK		Flt Lt Robbie Stewart Son Ldr Pablo Mason Flt L	t Rob Woods
ZA540 JQ	No. 617	GRIT	BT013 4		3090	5	12/09/1991		Crashed into Bristol Channel, south of Steep Holm island	Juisgen toss of control of Loss of FBW & manual controls, believed fire due to gas or hydraulic leak	Attributed to Hot Gas Leak.	20K			iq Cmr J Ball
ZE858 GO	No. 43	F3	AS083 73		3337	5	21/10/1993		Crashed onto Moors near A66. Barnard Castle	Suffered major fuel leak, whilst trying to gain height the fuel lighted and set fire to both engines	Aircrew Error	20K			t S Walker
ZE809 HP	No. 111	F3	AS071 71		3323	5	07/06/1994		Crashed 45m NE of Scarborough	Uncontained engine fire, due to internal failure (labyrinth seal failure)	Technical Defect	2 OK	20/08/2007	Flt Lt S Smiley Flt L	Lt C Chew
ZH558 GF	No. 43	F3T	ATo50/KTo7 92		3469	5	08/07/1994	Yes	Crashed into Mediterranean sea 15nm SSE of Akrotiri during APC	Flew into sea whilst on approach	Aircrew Error	2K	20/08/2007		
ZA368 AJ-P	No. 617	GRiT			3082	5	19/07/1994	Yes		Failure of Gamah coupling due to O ring failure causing fuel laek and subsequent fire damage to wiring looms	Technical Defect, Fuel Coupling Leak		20/08/2007		t S T Petherick
ZA397 O ZG708 C	No. 2	GR1A	BS064 19		3096	5	01/08/1994		20m East of Grand Riviere, Canada Crashed next to A85, Glen Ogle, Perthshire, Scotland	Collided with ZD844 during aerial refueling, caught fire and crashed into a reservoir, wreckage not found Aircraft flew into the ground	Aircrew Error Not Positively Determined	20K	20/08/2007	Hpt A Stumpf Sqn	Ldr D H Macleod
ZG725 J	No. 13 No. 13	GR1A GR1A	BS176 81 BS182 82		3391	5	01/09/1994		Crashed into sea off Capa Frasca, Sardinia	Aucrait new into the ground Catastrophic engine failure and subsequent fire	Technical Defect	2K 2OK	20/08/2007	Elt I t Ring Elg (Off E P Moriarty
ZE789 AU	No. 56	F3	AS065 69		3316	5	10/03/1995			Uncontained port engine fund to be down of control (damaged control system)	Technical Defect	10K 1K	2010012007	Fit Lt D J Hazell	onermonary
ZG714 Q	No. 13	GR1A	BS181 82		3397	5	14/09/1995		Crashed on landing at Goose Bay	Aquaplaned on landing, nose wheel collapsed, aircraft slid off runway into a field		20K		Plt Capt Jon Semmeling Flt L	Lt Mike Looseley
ZE210 FB	No. 25	F3	ASo28 58	6	3262	5	30/10/1995	No	Limped to Leuchars, with damage to forward fuselage, Stripped for spares	Mid air collision with ZE733	Aircrew Error	20K			
ZE733 GE	No. 43	F3	AS049 66		3297	5	30/10/1995	Yes		Mid air collision with ZE10	Aircrew Error	20K		Fit Lt McCarry Fit L	_t Booth
ZE166 AF ZE862 AB	No. 56	F3T F3T	AT013 54 AT034 74		3244	5	10/01/1996		Crashed at Rowston after collision gm W of Coningsby Crashed at Digby, Lincs after collision gm W of Coningsby	Mid air collision with ZE862 Mid air collision with ZE366	Aircrew Error Aircrew Error	20K 20K			
ZE862 AB ZD846 BL	No. 56	F3I GR1	A1034 74 BS144 43		3341 3198	5	10/01/199b 11/01/1996		Crashed at Digby, Lincs after collision gm W of Coningsby Crashed at Albachten, sm SW of Munster	Mid air Collision with 2±16b Pilot lost control (SPII) S tuned off	Aircrew Error	20K 20K	20/08/2007		
ZD789 AM	No. 9	GR1	BS132 39		3198	5	23/02/1996		RAF Bruggen	Fire on landing, Uncounted Cost Drive Clutch Failure.	Aircrew Error	20K	13/12/1999		
ZD845 AF	No. 9	GR1	BS143 43		3197	5	26/02/1996			Engine failure, hot gas leak, Uncontained Cross Drive Clutch Failure.	Uncontained Cross Drive Clutch Failure		2 . 223		
ZE759	MoD(PE)	F3T	AT029 67		3306	5	28/09/1996		Crashed onto beach at Blackpool	Control problem on take off due to foreign object jamming control surfaces	Jammed Taileron Control	20K			-
ZE732 BB	No. 29	F3	AS048 66		3296	5	15/06/1998		Crashed into North Sea 40m E of Filey (54163N 003219E)		Under Investigation	2K		Sqn Ldr Vivian	
ZA330 B-08 ZD809 BA	TTTE No. 14	GR1 GR1	BT007 21 B\$138 41		3012	5	21/01/1999	Yes	Crashed near Everton & Mattersey, Notts Crashed 1.5m South East of Kirkeaton, Northumbria	Collided with Cessna 152 G-BPZX, both aircraft crashed, Tornado crew plus two in Cessna killed. Flew into ground whilst aborting due to bad weather	Under Investigation Aircrew Error	2K 2K	20/08/2007		
ZE830	N0.14 F3OEU	GR1 F3T	B5138 41 AT032 71		3188	5	14/10/1999 17/11/1999	Yes	Crashed 1.5m South East of Kirkeaton, Northumbria Crashed into North Sea. 14/snm SE Torness power station	Filew into ground whilst aborting due to bad weather Uncontained fire due to engine failure	Aircrew Error Technical Defect	2K 2OK	20/08/2007 20/08/2007		
ZA599 VI	NO. 2	GR4T	BT025 12		332/	5	17/05/2002		Crashed into the River Humber	Concontained in e doe to engine ratiose Rear fuselage fire caused by fuel leak causing damage to wiring and mechanical control rods.	Technical Defect	20K	20/08/2007		
ZG710 D	No. 13	GR4A	BS177 81		3393	5	23/03/2003		Crashed into the desert, Northern Kuwait	Hit by US Patriot missile fired in error	Accidental shoot down	2K	25/05/2003	Flt Lt K Main Flt L	t D Williams
ZA491 DL	No. 31	GR.4	BS107 30	7	3143	5	22/07/2004	Yes	Crashed into the North Sea 7m of Craster, Northumberland	Loose article and lodged itself within the High Lift Wing Sweep Control Unit flap feedback gearing	Technical Defect	20K			
ZE962 CX	No. 111	F3	AS115 79		3374	5	14/10/2005		Crashed into the North Sea approx 10m off RAF Leuchars		Under Investigation	20K	17/10/2005		
ZG711 0 ZE982 FR	No. 2	GR.4A	BS178 82 AS122 80		3394	5	24/10/2005		Crashed into the Wash off the Holbeach Range Crashed into hillside near the A83, Rest and be Thankful, Argyll	Productile of Octobe Servers	Under Investigation(possible bird strik	20K 2K	25/10/2006		
ZE982 FR ZA596 62	No. 43 No. 617	F3 GR.4	AS122 80 BS037 11		3382 3060	5	02/07/2009 20/07/2009	Yes	Crashed into hillside near the A83, Kest and be Thankful, Argyli Crashed on take off Kandahar airfield	Controlled flight into terrain Engine problem during roll, crew ejected and aircraft burnt out	Under Investigation Under Investigation	2 K 2 OK	03/07/2009		
ZG792 138	NO. 617	GR.4	BS191 91		3060	5	20/07/2009		Crashed into The Minch, Isle of Skye	Engine problem ouring roll, crew ejected and aircrait ourit out Rear fuselace fire	Under Investigation	2 OK	31/01/2011		
ZD743 091	No. 15	GR.4T	BT041 36		3169	5	03/07/2012		Moray Firth	Believed Mid air collision	Under Investigation	1	04/04/2012		
ZD812 104	No.15	GR.4T	BT043 42	0	3192	5	03/07/2012	No	Moray Firth	Believed Mid air collision	Under Investigation		04/07/2012		