

Index	Name	Category	Lang/d	Target	Format	Duratio	Reference Copy	Phone	Keywords	Fax	Owner	Reviewer	Conditions	Cost	Notes
60	Amsterdam Air Disaster	Accident/ case study	E/95	-	PAL/NTSC	n	Austin Charles Ref AV10	+44(0)142 8-656881	emergency procedures	+44(0)142 8-654044	Austin Charles Assocs	Austin Charles	Commercial, £595 from ACA, Charwell House, Chestnut Ave.,		* Just 7-12 minutes after takeoff from Amsterdam's Schiphol Airport, as the B747 was climbing through 6500 ft...the number 3 engine pylon fractured causing the engine to separate from the wing. As it detached it hit the number 4 engine, causing it to detach also... This fascinating video reconstructs the activities of the flight crew throughout the emergency until the impact. The programme can assist with CRM training and provides a valuable insight into the problems
324	Impact Erebus	Accident/ case study	E/83	ATPL	8kktext		Auckland: Hodder and Stoughton.		visual illusion, organisational safety		Vette, G. (1983)			see video of same name	An Air New Zealand Captain's view. [Ed note: this is one of the classic case studies of organisational safety failure involving management - the video including reconstruction is highly recommended for all pilots]
230	Kuala Lumpur Flying Tiger '66	Accident/ case study	E/	-	NTSC		Kay Richter/Continental		Situational Awareness, coordination	01-713-233-8229	Continental/Kay Richter		Commercial, \$350 U.S.	Tiger 66 accident investigation could be same	
62	Lockerbie Air Disaster	Accident/ case study	E/	-	PAL/NTSC		Austin Charles Assocs. Ref AV5	+44(0)142 8-65404	emergency procedures	+44(0)142 8-654044	Austin Charles Assocs.	Austin Charles Assocs	Commercial, £595 from ACA, Charwell House, Chestnut Ave.,		*The Lockerbie Air Disaster video catalogues the events leading up to the explosion using live film footage, photographic stills and computerised graphics...It examines the training issues raised by the disaster and looks at the main lessons
61	Manchester Air Disaster	Accident/ case study	E/	-	PAL/NTSC		Austin Charles Ref AV1	+44(0)142 8-656881	emergency procedures		Austin Charles Assocs	Austin Charles	Commercial, £395 from ACA, Charwell House, Chestnut Ave.,	fire	*At 06.12 hours, flight KT28, carrying 131 holiday makers and 6 crew, began its takeoff roll from Manchester Airport to the Greek Island of Corfu. Seconds later the aircraft was engulfed in fire and 55 people lost their lives in the horrific flames and dense toxic smoke which entered the cabin. A foreign object had pierced the underwing fuel access panel and fuel was then ignited by hot gasses from the engine...the video can be used to particularly highlight the following conditions within a smoke-filled cabin: the need for rapid evacuations; how passengers are likely to react;
477	Moment of Crisis: There's a Hole in the Plane	Accident/ case study	E/89	9x	NTSC		ABC News, 20-20, 22 Sept. 89		crew coordination, teamwork, cabin integration		Film & Tape Practices, ABC News, 47 West 66th St. New York 10023-6290	Karlins, Koh, McCully & Chan	Commercial, ABC News 20-20 Productions, 30/10/92	Dryden	What better way to end a CRM seminar...than with a heart-warming example of how pilots can "get it right" and save lives and airplanes in the process...Moments of Crisis presents the saga of United Flight 811, a B747 that experienced an explosive decompression and loss of two engines when at 22,000ft the forward cargo door and part of the passenger cabin blew out sending nine passengers to their deaths. The crew was able to turn the plane around and safely land in Hawaii where engineers asbanded by the massive hole

066 L	Dryden AirOntario Fokker F-28 89	Accident/ case study/ Dryden	EF/199 2	10x	PAL/NTS C	18:40	Loftwork, or Cranfield A.P.U. (H. Muir)	+44 (0)1293- 783232	Decision making; stress: cabin integration; ground ops	+44 (0)1273- 891019	Quantas Airways, Flight Trng Centre, Quantas Jet Base (M148), Mascot NSW 2020 Australia	RPH/Loftw ork	Commercial; originally owned by Australian; contact Brent Hayward, brent@melbpc. org.au	CRM/training integration	AirOntario flight 1363, an F-28 with 65 passengers and four crew, crashed during take-off from Dryden airport on 10 March 1989. CASB investigation and enquiry pointed to crew communications, corporate pressure, ground resources, fatigue as causes. The Commission of Enquiry led by Justice Moshansky reported "significant failures, most of them beyond the captain's control, that had an operational impact." The video recreates the accident and examines the causal factors unearthed during investigation. Excellent case study. The Transport Canada Progressive Literature Review quotes \$350 from Brent Hayward, Quantas HF Manager and recommends for commercial, instrument and airline pilot training. (Brent Hayward may also be
64	Impact Erebus: Lessons in Perceptual Psychology	Accident/ case study/ ANZ Erebus 1979	E/79	#####	PAL	50	N. Johnston/Aer Lingus	010-353-1- 214530	false hypothesis, illusion, safety culture	010-353-1- 787626	Flight Safety Research Trust Fund/Right Vision(N.Joh nston)	RPH/Loftw ork	Commercial	Visual illusion; white-out, nav aids; accident report: NZ 79/ (Burlandia)	Film recreating and analysing ANZ flt. 901, 28/11/79, based on Capt. Vette's book Impact Erebus. Defines mental set, detailed case study of cause. Professional, detailed look at both physiology and psychology, related factors such as unnotified change to navaid. See "Seeing Beyond the Obvious" from NASA for related
67	M1 Kegworth Air Disaster	Accident/ case study/ Kegworth B.M. B737	E/ -	#####	PAL		Austin Charles Assocs.	+44 (0)1428- 656881	decision-making, cabin integration	+44 (0)1428- 656881	Austin Charles Assocs.	Austin Charles	Commercial	Understanding g/coordination (example)	*The video is an excellent training aid in highlighting the following discussion points:
65	Papa India Special	Accident/ case study/ BEA Papa India 1973	E/73	-	PAL	42	Cranfield A.P.U.(H. Muir)	+44 (0)1293- 783232	pilot incapacitation	0234- 750192	BBC	RPH/Loftw ork	Commercial	incapacitation , configuration change stall, error	BEA 548 Trident to Brussels. Appears captain had heart attack leaving very junior F/O. Analysis shows incorrect droop retraction, stall recovery disabled because simultaneous effect of config. change on stall warning and slick shaker made it
3	Chicago Midway United B737 08/12/72	Accident/ comment	7/2	-			none known	+44 (0)1293- 783232	Situational awareness, delegation	+44 273- 891019				NTSB/AAR 73-16 Captain failed to properly manage resources available to him. - "The preponderance of evidence indicates that the rush of cockpit activities during final descent caused a breakdown of the safeguards inherent in the task sharing of a crew." (p.31) Stall during	
7	DFW Delta B727 '88	Accident/ comment	/88				none known							See CVR transcript	NTSB/AAR-89/04. Delta flight 1141, a B727-232, crashed shortly after lifting off from DFW in a no- flap no-slat configuration. 28/10/88. Some footage exists on an ICAO video discussing 64 NTSB accident reports analysed
255	Flying out of Danger: a Pilot's Guide To Safety	Accident/ comment	E/ -	PPL	text		Listed in Transport Canada Progressive		accidents		Goldstein, A. ()				
10	Kuala Lumpur Seaboard/World A300 '83	Accident/ comment	E/ -				none known		Ergonomics; eqpt. type variations					See Understanding g/misleading layout	Malaysia accident report 2/83. Variations in panel layout among a/c in same fleet.

8	Miami Everglades L1011 '72	Accident/ comment	/72																NTSB/AAR 73-14. Duties not allocated properly, *the whole flight crew became preoccupied with a landing gear indicator light bulb.* (ICAO HF Digest-1)
6	New York JFK DC10 '84	Accident/ comment	/84	-		none known													Need further data. NTSB/AAR 84-15
5	Samoa Pago Pago B707 '74	Accident/ comment	/74	-		none known													Need further data. A visual illusion related to the black hole phenomenon* was the cause factor. NTSB/AAR 74-15"
231	Sioux City UAL DC-10 '89	Accident/ comment	E/	#####	NTSC	n/a	NTSB		NTSB - public domain	Karlina et al	Tape VAV011A, \$20 from General Microfilm, POB 2360, Wheaton, MD20915	Sioux City							John Lauber (minutes 26:15 to 29:35) at NTSB board meeting 11/1/90, praises United CRM programme and its contribution to crew performance.
2	Washington Air Florida B737 '82	Accident/ comment	/82	-		none known							Accident data CVR Transcript.						NTSB /AAR 82-08. Co-pilot lack of assertiveness a factor in crash after takeoff in icing conditions. News clips of this widely available. Looking for recreation
4	Washington Dulles B727 '74	Accident/ comment	/74	-		none known													Inadequacies in ATC procedures, failure to resolve known terminology problem.
9	'Convertible' crash	Accident/ comment	E/			not seen			Alaska Airlines										Reported by IATA H-F Committee member, Alaska's reconstruction includes discussion with E/O Miral Tompkins.
11	Alaska DC-8 '77	Accident/ comment	/77			none known													NTSB/AAR 78-07. Influence of alcohol on pilot cited as a factor.
12	New York LaGuardia USAir 737-400	Accident/ comment/ SOP	/89			none known													September 20, 1989: Flight 5050 ran off the runway and dropped into the Potomac River shore following mis-set rudder trim and other problems. NTSB/AAR 90/03
13	Texas Continental Embraer 120 1991	Accident/ comment/ SOP	/91			none known						JAL 747 Pressure bulkhead							Near Eagle Lake, Texas - in-flight breakup and crash of an Embraer 120 at 12,000 ft on descent toward Houston Intercontinental Airport, Sept. 11 1991. The front edge assy from the left side of the horizontal stabilizer separated. The top row of retaining screws had been removed during earlier replacement of de-ice boots and had not been replaced. NTSB title is *Aircraft Accident Report: Britt Airways Inc. d/b/a Continental Express Flight 2574 In-flight Structural Breakup EMB-120RT,
31	Aircraft Detective	Accident/ investigation	E/73	-	PAL	50 Cranfield College of Aeronautics Video Library/Anker			BBC Horizon Series Broadcast.	BBC	Cranfield Univ Tape 3, from BBC £99.								*This video follows the Accident Investigation Branch as it attempts to discover the cause of major aircrafts such as the BEA Vanguard Flt 706 that came down in Belgium in 1971. Old but remains interesting for increasingly historical
30	Aircraft; the Deadly Puzzle (COPA flt 201)	Accident/ investigation	E/94	-	PAL	50 BBC			BBC2 Videos for Education & Training/Panorama (Horizon)	RPH	From BBC, £99.								COPA flt 201 vanished over Darien jungle on way to Kaili, Columbia. Tentative conclusion of NTSB investigation was intermittent ADI connection resulting in 'sticking' readings which tricked pilot into rolling a/c into inverted and unrecoverable dive. Video follows accident investigation team to

291	Airline Safety: A View from the	Accident/ investigation	E/	ATPL	text				Heller, W. ()				Airline aviation accidents reconstructed with transcripts and official findings
453	Alaska C-130 Hercules '89	Accident/ investigation	E/	5	NTSC	15 min	Santa Clarita: Aviation Book Co. Transport Canada			Transport Canada			C-130 Hercules Crash Fort Wainwright, Alaska. 29 Jan. 1989.
17	American Airlines 767 Evacuation	Accident/ investigation	E/	-	NTSC	20:00	N. Komich/US Air Shuttle/ email 102441.1130@compuserve.com	001-508-927-9566	emergency evacuation, training integration	N. Komich ?			*Evacuation due to an engine failure immediately after takeoff, after they had been told there was a bomb threat which the company evaluated as frivolous...basically a debrief of the crew of a job well done.* Contact N. Komich for information on
371	Beyond pilot error: a pilot's perspective..	Accident/ investigation	E/91	Inst	text		ICAO Circular No. 4 Proceedings of the ICAO Human Factors Seminar, London		Stone, R.B., Sorsa, M., and Friob, L. (1990)				Accident analyses of NWA Dc-9-82, Detroit, 1987; Air Florida b737, Washington, 1982; and Channel Ferry at Zeebrugge, 1988
32	Canadian Twin Otter '86	Accident/ investigation	E/86	-	PAL		Cranfield Cranfield Univ/R. Anker	+44 (0)1234-	Transport Canada (?)				Cranfield U/Aeronautics Tape I47
445	Cox Hill, Alberta	Accident/ investigation	E/86	5	NTSC	15 min	Transport Canada			Transport Canada			Cat A, SAR Accident 1986 - HF analysis
20	Detroit Metro Wayne NW DC-9 '87	Accident/ investigation/ SOP	/87	-	NTSC	25	N. Komich/US Air Shuttle/ email 102441.1130@compuserve.com	001-508-927-9566	SOP, coordination failure	N. Komich/US Air Shuttle		CVR	16/08/87: Flight 255 crashed shortly after a no-flap no-slat takeoff (NTSB/AAR 88-05). *Failure to set flaps as required by SOP.* (ICAO H-F Digest I). *A good quality audio and video that depicts what can go wrong in the cockpit when everyone is TOO comfortable. The 30 second
29	DFW Delta B727 '88	Accident/ investigation	E/88	-	NTSC	15	ICAO		Emergency services coordination				NTSB/AAR-89-04. Delta flight 1141, a B727-232, crashed shortly after lifting off from DFW on Aug 31 just after morning rush hour in a no-flap no-slat configuration. Initial footage from a local TV station, video relates to emergency services response rather than accident cause. No re-
18	DFW Delta 1011	Accident/ investigation	E/	4	NTSC	#####	N. Komich/US Air Shuttle/ email 102441.1130@compuserve.com	001-508-927-9566	Windshear	N. Komich	Commercial		*It has a good message but the delivery is very very dry. Perhaps a narrative along with it would help.* Contact N. Komich for information on
475	Fatal Error (Kegworth B.Midlands)	Accident/ investigation	E/89	#####	PAL	20	Cranfield Univ/R. Anker	+44 (0)181-576-2541	Co-ordination, cabin integration	BBC	Cranfield Univ Tape AV4, from BBC E65.		*In 1989 a British Midland plane crashed into an embankment of the M1 near
27	Japan JAL B747 '85	Accident/ investigation	E/85	-	PAL		Cranfield College of Aeronautics Video Lib/R. Anker	+44 (0)1234-75011x4604	BBC2 Videos for Education & Training	Loan		Accident Report - Cranfield Univ Tape I34	Cranfield U/Aeronautics I33

26	Kuala Lumpur Flying Tiger 66 B747	Accident/ investigation	E/	5	NTSC	20	N. Komich/US Air Shuttle/ email 102441.1130@com puseve.com	001-508-927-9566	Situational Awareness, coordination	Continental Airlines	N. Komich/US Air Shuttle	POA, Capt. Russell Peck @ UAL	*So-so quality audio and video but with a good message on situational awareness and inter personal conflict between the crew.* Recommended by Transport Canada Prog Lit Review: *Dealing with communication, situation awareness and fatigue, this re-enactment of the crash of Tiger 66 focusses on jet lag and miscommunication.* and advises suitable for all pilots. Contact Capt. Peck, Director Human Factors, at Continental Airlines, 17441 John F. Cranfield U/Aeronautics Tape 2
25	Munich, Icing or Slush	Accident/ investigation	E/58	-	PAL		Cranfield College of Aeronautics Vid Lib./R Anker	+44 (0)1234-75011x46	Safety/environmental	ICAO			
24	Portland UAL flt 173	Accident/ investigation	E/	-	NTSC	35	N. Komich/US Air Shuttle/ email 102441.1130@com puseve.com	001-508-927-9566	Communication; coordination		N. Komich/US Air Shuttle	Loan	The Wrong Stuff (includes comments about this). Capt. distracted by gear problem, a/c ran out of fuel. Crew communication - Capt. ignored crew comments. *This is an old tape but with a very powerful message which is still valid today. The audio portion is marginal necessitating reading the CVR Transcript along with the playback but it still
449	Quebec City Falcon 117503	Accident/ investigation	E/79	5	NTSC		Transport Canada				Transport Canada		24 Aug, 1979. Quebec City, Falcon landing accident
049	Sioux City UAL DC-10 '89	Accident/ investigation	E/89	5	PAL		Loftwork Ltd.	+44 (0)1293-783232	Delegation, decision making	BBC News		Contact Cranfield UR. Anker	Accident description is: Capt. Al Haynes and crew had been experimenting on a flight simulator with engine out scenarios before a flight on which they experienced total loss of all hydraulic systems caused by disintegration of the centre engine fan disk. The plane was eventually brought to a successful crash landing. NTSB/AAR-90/06. Broadcast date 19/07/89. This is a docudrama-style recreation filmed in what appears to be an FBS. Quite effective. Cranfield U/Aeronautics ref
494	Sioux City United DC-10 '89	Accident/ investigation	E/	-	PAL	35 or 47	Cranfield U. Applied Psychology, Dr. H. Muir	+44 (0)1293-783232	Sioux City: training integration, cabin crew	United Airlines, C/L/R coordinator	RPH/Loftwork	UA, Flight Training Center, Stapleton Intl Apt., Denver CO	Sioux City dramatised version, NTSB hearing on Sioux City Crew response to unprecedented crisis, drawing on CRM skills. Long version had more cabin staff material for integrated training.
23	Staines Trident '72	Accident/ investigation	E/72	-	PAL	50	Cranfield College of Aeronautics Video Lib./R Anker	+44 (0)1234-75011x4604	Incapacitation; distraction	BBC/Panorama	RPH/Loftwork	Contact Cranfield U.,	Cranfield U/Aeronautics I5. A classic study in pilot incapacitation and resource management. Experienced senior pilot has massive coronary and leaves inexperienced F/O to carry on. The presentation is a bit dated but the message is still clear and effective. CAA title is *Report of the Public Inquiry into the causes and circumstances of the accident near Staines on 18 June 1972*,

33	Tenerife Dan Air 727 '80	Accident/ investigation	E/80	7x	PAL	30	Cranfield Univ tape +44 (0)1234-75011x46 ATC, substance abuse	Situational awareness, stress, ATC, substance abuse	+44 (0)181-576-576-2867	BBC: Gerry Crutchley, BBC Videos for Education & Training. Fax +44 (0)181-576-	RPH/Lofw	Commercial, £99 from BBC, Room A2090, 80 Wood Lane, London W12 0TT. Ph +44 (0)181-576-	Cranfield Univ Tape 14	
19	Tenerife KLM & UAL 747s '77	Accident/ investigation	E/77	8	PAL		Aer Lingus/Capt. N. Johnston	Coordination; communication; stress	010-353-1-214530		RPH	Contact N. Johnston/Aer Lingus	Tenerife Dan Air - another Los Rodeos disaster.	Broadcast. 1977 accident described in ICAO Circular I53-AN/98. * A breakdown in normal communication procedures and misinterpretation of verbal messages were considered factors. * (ICAO H-F Digest 1) Fog, missed runway exit, conflicted transmission, fatigue and unfamiliarity all involved. Looking for reconstruction and
288	Terror in the skies	Accident/ investigation	E/88	ATPL	text		Secaucus: Citadel Press.			Grayson, D. (1988.)				Case studies of airline accidents.
278	The final call: why airline accidents	Accident/ investigation	E/90	ATPL	text		New York: Parthenon.			Barley, S. (1990)				Analyses of airline accidents.
271	Unhappy landings: Why accidents	Accident/ investigation	E/	PPL	text		Santa Clarita: Aviation Book Co.	accidents		Watson, T.W. ()				679 civil aircraft accidents analysed with NTSB investigations
51	Universal 121 (American 121)	Accident/ investigation	E/92		NTSC	16.45	NATCO; Chuck Woods	Accident review	0101 (612) 727-4880	NATCO		NATCO, USA. Chuck Woods. Price by		Audio simulation of crew communications during an in-flight hazardous material fire in the baggage compartment of an MD-80, and local news coverage
22	Why Lockerbie	Accident/ investigation	E/88	-	PAL	80	Cranfield College of Aeronautics Vid. Library/R.Anker	Safety/security	+44 (0)1234-75111x460	ITV		Cranfield Univ, possibly personal use from ITV	Human factors - security	Cranfield U/Aeronautics Tape AV3
21	Zagreb Trident/DC-9 '76	Accident/ investigation	E/76	-	PAL		Cranfield College of Aeronautics Video Library/R.Anker		+44 (0)1234-75011x460	BBC		Contact Cranfield U/Aeronautics, R. Anker, or possibly purchase from BBC as		Cranfield U/Aeronautics Tape 8
467	Continental 1713	Accident/ recreation	E/	6	NTSC	14:45	Z-Axis	coordination, SOP		Z-Axis Corp., 116 Inveness Drive East, Suite 110, Englewood,	Karlins, Koh et al.			Parametric data-based recreation/simulation including instrument redispays etc. based on DFDR and CVR.
468	Detroit Northwest 255 '87	Accident/ recreation	E/	6	NTSC	#####	Z-Axis	coordination, SOP		Z-Axis Corp., 116 Inveness Drive East, Suite 110, Englewood,	Karlins, Koh et al.	Believed to be Public Domain, contact Dr. Karlins	Why Planes Crash	Computer animation of crash at Detroit on 16/8/87 caused by a breakdown in crew coordination and SOP deviation. The computer simulation traces the departure from the gate...from 15 mins forward the take-off roll and ensuing crash are examined from several different perspectives. " "

469	DFW Delta 191 '85 tape 1	Accident/ recreation	E/	6x	NTSC	#####	Z-Axis		emergency procedures, microburst	Z-Axis Corp., 116 Invemess Drive East, Suite 110, Englewood,	Karlins, Koh et al.	Public Domain, contact Dr. Karlins	Why Planes Crash	Computer animation of crash at DFW on 2/8/85. In fact, primarily concerned with microburst but features exact and comprehensive instrumentation through the approach and into the fatal burst.
470	DFW Delta 191 '85 tape 2	Accident/ recreation	E/	6x	NTSC	#####	Z-Axis		emergency procedures, microburst	Z-Axis Corp., 116 Invemess Drive East, Suite 110, Englewood,	Karlins, Koh et al.	Public Domain, contact Dr. Karlins	Why Planes Crash	Computer animation of crash at DFW on 2/8/85. In fact, primarily concerned with microburst but features exact and comprehensive instrumentation through the approach and into the fatal burst.
48	Air India B747 '85	Accident/ report	E/85	-	PAL		Cranfield College of Aeronautics Video Lib/R Anker 750111x46	+44 (0)1234-750111x46		BBC News				Cranfield U/Aeronautics Tape 98
47	Air Inter A320	Accident/ report	E/92	-	PAL	8	Cranfield College of Aeronautics Vid. Libray/R Anker 750111x46	(0)1234-750111x46		Sky News				Cranfield U/Aeronautics Tape AV7
46	Amsterdam EI Al B747	Accident/ report	E/92	-	PAL	50	Cranfield College of Aeronautics Vid. Libray/R Anker 750111x46	(0)1234-750111x46		Sky News				Cranfield U/Aeronautics Tape AV10
277	Aviation occurrence reports.	Accident/ report	E/	ATPL	text		Ottawa.			Aviation Safety Board				
45	Dallas Tristar '85	Accident/ report	E/85	-	PAL		Cranfield College of Aeronautics Vid. Libray/R Anker 750111x46	+44 (0)1234-750111x46		BBC News				Cranfield U/Aeronautics Tape 97
44	Erebus NZ DC10 '79	Accident/ report	E/79	-	PAL	50	Cranfield College of Aeronautics Vid. Libray/R Anker 750111x46	(0)1234-750111x46	Visual illusion				See Impact Erebus"	Cranfield U/Aeronautics Tape 12. Ref New Zealand accident report 79/139, "Information transfer and data entry errors played a role in the accident" JICAO, H.E. Digest 1)
43	Farnborough Buffalo '84	Accident/ report	E/84	-	PAL		Cranfield College of Aeronautics Vid. Libray/R Anker 750111x46	+44 (0)1234-750111x46		BBC News				Cranfield U/Aeronautics Tape 3
42	Japan JAL B747 '85	Accident/ report	E/85	-	PAL	60	Cranfield College of Aeronautics Vid. Libray/R Anker 750111x46	(0)1234-750111x46	Maintenance	BBC News	RPH/Loftwork	Cranfield Univ Tape 97		Technical report on pressure bulkhead failure incl. comparison w. Air Canada C-9 incident (NTSB AAR-80-13) and analysis of incorrect splice plate riveting. Human error - elementary mistake by skilled Boeing engineers several years before.
41	LA USAir B737 '91	Accident/ report	E/91	-	PAL		Cranfield College of Aeronautics Video Lib/R Anker 750111x46	+44 (0)1234-750111x46		CNN				Cranfield U/Aeronautics Tape AV4
40	Lauda Air B767	Accident/ report	E/91	-	PAL	5	Cranfield College of Aeronautics Video Lib/R Anker 750111x46	+44 (0)1234-750111x46		CNN				Cranfield U/Aeronautics Tape AV5
39	Luxembourg '82	Accident/ report	E/82	-	PAL		Cranfield College of Aeronautics Video Lib/R Anker 750111x46	+44 (0)1234-750111x46		BBC News				Cranfield U/Aeronautics Tape 67
38	Manchester B737 '85	Accident/ report	E/85	5	PAL	30	Cranfield College of Aeronautics Video Lib/R Anker 750111x46	(0)1234-750111x46	Safety/fire	Granada/Sylvia Cowling, Head of Film Library	RPH/Loftwork	Commercial	Cranfield Univ Tape 99/100	BEA Airtours flt. KT 328 - news coverage incl. survivor interviews. Prof. Frank Taylor on fire hazards. Cranfield U/Aeronautics Tape 133. Tape is labelled incorrectly but CIT listing is wrong.

37	New York LaGuardia USAir Enkhar 92	E/92	-	PAL	2	Cranfield College of Aeronautics Video Lib/R Anker	+44 (0)1234-75011x46	Stress, CRM, decision-making			Sky News	RPH/Lofwork	Syvia Cowling, head of Film Library - see notes	For cabin integration, c.f. NWA's Crew Resource Management.	Cranfield UAeronautics Tape AV8. Flight 405
036	Riyadh Saudi Tristar '80	E/80	#####	PAL		Lofwork	+44 (0)1234-75011x46				Granada, World in Action Production Team, Manchester				Titled "The Mystery of Flight 163" this recreates graphically the sequence of events on August 19 1980 after cabin staff reported smoke. A litany of crew CRM errors followed. After returning to Riyadh and landing the aircraft had a protracted ground roll and flight crew failed to initiate emergency procedures preventing ground-based emergency services action which might have controlled the cabin fire. All 301 passengers and crew died. Reconstruction based on tower tape
35	SAS MD-80	E/80		PAL		Cranfield College of Aeronautics Video Lib/R Anker	+44 (0)1234-75011x46				Sky News				
50	Sioux City UAL DC-10 '89	E/89	8	NTSC	10	N. Komich/USAir Shuttle/ email 102441.1130@compuserve.com	001-508-927-9566	Delegation, decision making		N. Komich/USAir Shuttle		Contact N. Komich, 55 Middlebury Lane, Beverly, MA 01915-1373, U.S. for	See Continental Case study	*Q&A with message that CRM helped him survive.*	
252	Sioux City UAL DC-10 '89	E/90	10	NTSC	3	NTSB, Hearing (excerpt)		Delegation, decision making		Carlines, Koh, McCully and Chan	NTSB			In this short excerpt from the hearing (mins 26:15 to 29:35) Dr. J. Lauber praises the United CRM programme and its role in improving cockpit performance. The reviewers (CRM Advocate April 1996) advised adding this to a showing of the United Sioux City tape.	
34	Warsaw '87	E/87	-	PAL		Cranfield College of Aeronautics Video Lib/R Anker	+44 (0)1234-75011x46				BBC News			Cranfield UAeronautics Tape 7	
312	Aftermath	E/		text		Santa Clarita: Aviation Book Company					Flying Magazine, ()			Cases from in-flight recordings, NTSB reports, and first-hand accounts	
54	China Air 747	E/	7	NTSC	15	USAir Shuttle/Komich/ email 102441.1130@compuserve.com	0101-508-927-9566	Situational awareness		N. Komich/USAir Shuttle		Loan; N. Komich, 55 Middlebury Lane, Beverly, MA 01915-1373, U.S.	decision-making	The computer generated depiction of the 30,000 foot plunge over the Pacific that occurred when an engine failed to respond during cruise with the auto pilot and autothrottles engaged. The tape is dry but with a written analysis we have an	
52	Gatwick Taxiway Incident	E/		PAL		British Airways/R. Beale -	+44 (0)181-562-5752	Situational awareness		BA	British Airways			BA In-house interview with Roger Green	
055	MCC Course - situational awareness	E/	7	PAL	5	Lofwork or Air Lingus, Capt. Neil Johnston	010-353-1-214530	Situational awareness	010-353-1-7056650	RPH/Lofwork	Aer Lingus/Capt. Neil Johnston, Training Dev. Dublin	Proprietary, research viewing only		Part of AEL's CRM Course series of Zig and Zag vignettes, effective topic introductions. For more info talk to Aer Lingus Training Development, Dublin Airport PA3, Capt. Crios O'Kinnalide	
53	Nairobi Game Park Incident	E/		PAL		British Airways/R. Beale -	+44 (0)181-562-5752	Situational awareness		BA	British Airways	Proprietary		BA In-house interview with Roger Green	

58	A Question of Control	Attention/ergonomics/automation	E/81	-	PAL	50	Cranfield A.P.U.		underarousal	+44 (0)1234-750192	BBC Open Secret Series 1981	RPH/LOFT work	Commercial	New York JFK DC-10 '84	Computerization, refs to Tristar Miami 29/12/72 fit into terrain; Tenerife March 1977 ATC; glass cockpit issues Cranfield UI/Aeronautics Tape AV5	
57	Check Out 91 Cockpit	Attention/ergonomics/automation	E/91	-	PAL	21	Cranfield College of Aeronautics Video Library	+44 (0)1234-750111x46	automation		ITV		Viewing - Cranfield Univ			
56	The Logical Flight Deck	Attention/ergonomics/automation	E/81	-	PAL		Cranfield A.P.U.		automation, ergonomics	0234-750192	Airbus Industrie	RPH/LOFT work		Airbus explains evolution of cockpits toward A320.		
059	HOI-4b Cognitive Biases""	Attitude/Personality Traits	I/93	-	VHS/UMATIC		Allitalia	-36357	Altitude and personality	-12207	Allitalia CSV-FCO, Flight Safety Dept.	M. Ralli/Allitalia	Commercial, via Capt. Ralli and Allitalia	From the series Human Operational Interface" (Can be	Personality traits and attitudes likely to affect error proneness. In Italian (video cartels in English) All HOI videos come complete with recap script and instructor guide. They required skilled HF instructor to manage sessions since interruptions	
297	Aviation psychology	Concepts	E/89	8ATPL	text		Aldershot: Gower Technical.	0252-331551		0252-344405	Jensen R.S. (ed) (1989)		From Avebury Press. app £37.50	Somewhat dated but still one of the best all-around descriptions of the topic of HF in aviation. The phone and fax numbers given are for Avebury Press who handle the Gower titles in the U.K. --		
269	Aviation safety newsletter.	Concepts	E/	PPL	text		Transport Canada				Transport Canada.					
471	Beyond Aviation Human Factors	Concepts	E/95	5	text	192 pp.	RPH/LOFTwork	+44 (0)1252-317707		+44(0)1252-317446	Daniel E. Maurino, James T. Reason, A. Neil Johnston and Rob. B. Lee/Ashgate Publishing	RPH/LOFT work	Commercial, app. GBPE£31.50	Intended to widen the search for accident causes beyond the flight deck, the book analyses organisational dimensions of a number of key accidents including Dryden AirOntario flight 1363, the BAC1-11 windscreen accident and the DC-10 crash on Erebus in 1979, with a Reason-style review of the Australian ATS airmiss study carried out by BASI and discussion of remedial implications. Provides a much-needed explanation of the organisational culture		
472	Black Box - Why Air Safety is no Accident	Concepts	E/96		text/video	186 pp.	RPH/LOFTwork				Channel 4 Boxtree, Nicholas Faith	RPH/LOFT work	Commercial, ISBN 0 7522 1084 X	An interesting background discussion of accidents and accident investigation trends, including design engineering and human factors, but with some provocative discussion points e.g. Heino Caesar's comments that in future automation should be designed to support pilots, not to eliminate them. In conjunction with the videos from the Channel 4 Black Box" series produced by Darlow Smithson there is considerable useful material for both HF		
365	Blind trust.	Concepts	E/86	Inst	text		New York: Morrow Books.				Nance, J.J. (1986)					
280	Business Aviation Safety Journal	Concepts	E/	ATPL	periodical						Business Aviation Safety Journal			Contains frequent human factors articles		
473	CFIT Awareness and Prevention	Concepts	E/95	-	NTSC		ERAU Daytona Beach	001-703-522-8300			Flight Safety Foundation			Comes with a checklist to evaluate CFIT risk.		
325	Cockpit resource management.	Concepts	E/93	8ATPL	text		San Diego: Academic Press.				Wiener, E.L.; Kanki, B.G., and Helmreich, R.L. (1993)			17 Chapters covering the nature of CRM; regulation; accident investigation; training; research/cultural aspects and future perspectives. [Ed note: this is one of the current crop of standard texts on aviation HF and is highly		

327	Human factors in aviation.	Concepts	E/88	ATPL	text	384 pages	San Diego: Academic Press.	01252-331551				Wiener, E.L., and Nagel, D.C. (1988)				Four parts: introduction to the systems approach; pilot performance solo and as crew; design; vehicles and system. [Ed note: another standard text recommended.] - DP/HL
74	Human Factors in Flight (2nd ed.)	Concepts	E/93		8 text		HFG/Loftwork	0252-344405				Frank Hawkins/Harrity Orlyady/Ashgate Publishing	RPH/Loftwork	ISBN 1-85742-135-3, £20.95. Also in hardback		New Edition of an old classic. New material on current developments - agencies, programmes, deregulation, sections on teamwork, company policy, sleep management, glass cockpit ergonomics, language problems and communications etc. Student workbook and
335	Human Factors in Hazardous Situations	Concepts	E/90	Inst	text		Oxford: Clarendon/Oxford University Press					Broadbent, D.E. (1990)				
243	Human performance and limitations in aviation	Concepts	E/91	PPL	text	141 pages	Oxford: BSP Professional Books.		Aviation medicine and aviation psychology			Campbell, R.D. and Bagshaw, M. (1991)				The book has two sections, aeromedical (84pp) and basic aviation psychology (57pp) plus a useful bibliography.
462	Think We'll be All Right	Concepts	E/	5 NTSC	15 mins		Transport Canada						Transport Canada			Inadvertent IMC.
246	It's all in the Scan.	Concepts	E/90	PPL	text		Flight Training, 2, 5, May, pp42-3.					Conrad, J.W. (1990)				Instruction on how to develop a scan on a need to know basis
69	Japanese Air System CRM-2	Concepts	E/	-	NTSC		ICAO Montreal					JAS				
70	Japanese Air System CRM-1	Concepts	E/	-	NTSC		ICAO Montreal					JAS				
306	Just for you: human factors.	Concepts	E/	ATPL	text		Defence Flight Safety.					Liand, S.				Aimed at the military, but comprehensive coverage
320	Modeling fault diagnosis as the activation and use of a frame system	Concepts	E/86	ATPL	periodical		Human factors. 28, 6, 703-16.					Smith, P.J., Giffin, W.C., Rockwell, T.H. and Thomas, M. (1994)				May have application instrument flight
343	Night flying.	Concepts	E/91	Inst	text		Canberra: Directorate of Air Force Safety.					Directorate of Air Force Safety (1991)				
421	Normal accidents: living with high risk	Concepts	E/84	Dev	text		New York: Basic Books					Perrow, C. (1984)				
76	Path to Safety	Concepts	EFS/67	-	NTSC/PA	22	ICAO: Cornelia Fischer		Examples of human error			ICAO Montreal, DSU, 1000 Sherbrooke St. W., Montreal H3A 2R2,	ICAO	Commercial: NTSC \$50, PAL \$65, #F492		*In this video a flight instructor and his class discuss accidents and incidents they have experienced. All pilots can benefit from exposure to these examples of what are mostly human error.*
68	Pilot - The Human Factor	Concepts	E/	-	NTSC	#####	ICAO Montreal					Dept of Aviation for the AVIAC				
293	Pilot error - the human factors.	Concepts	E/82	ATPL	text		New York: Jason Aronson.					Hurst, R. and L. (1982)				Second Edition.

478	Pilot judgement and Crew Resource Management	Concepts	E/95	text	361 pp		+44-(0)1252-317707	Decision making	Richard S. Jensen/Ashgate Publishing (1994)		Commercial, ISBN 0-291-39804-9, app. UK£21.50		
261	Staying focused on safety	Concepts	E/94	text		Aviation Safety XIV, 6, March 15, Vermont: Gower.			King, J.L. (1994)				CRM for the single pilot operation to combat complacency.
286	The Aircraft Cabin	Concepts	E/90	text				cabin crew, management	Edwards, M. and E. (1990)				Human factors for cabin crew, aircrew, airline staff and management.
347	The Causes of causes: determinants and background variables of	Concepts	E/86	periodical		Ergonomics, 29, 11 1439-1453			Gerbert, K., and Kemmler, R. (1986)				4 step program to minimise HF errors
073	The Invisible HUD	Concepts	EF/91	NTSC/PA L	17.28	Lofwork	+44(0)1293-783232	Stress, decision-making, GA and private ops.	Transport Canada (1993)	RPH/Lofwork	Non-proprietary, may not be resold commercially		Uses the metaphor of a Head Up Display that shows the pilot his own status - overstressed, fatigued etc. - as illustration of need for pilot self-check as part of preflight, and stress awareness in decision making
444	The Legends	Concepts	E/	5 NTSC		Simuffite International gathering of London: Methuen.			Bealy, D. (1991)	Transport Canada			...Capt. Frank Tully's and Dr Jerry Berlin's presentations are HF related
279	The naked pilot: the human factor in aircraft	Concepts	E/91	text					Cohn, R.L. (1993)				
244	The Called it pilot error: true stories behind general aviation	Concepts	E/93	text		Blue Ridge Summit, PA: TAB Books		General aviation, accident reports	Clavarelli, A.P. (1991)				
336	Use of human factors checklist in aircraft mishandling	Concepts	E/91	text					Mahon, P. (1984)				The legal overview
308	Verdict on Erebus.	Concepts	E/84	text		Auckland: William Collins.			BBC Nova series, with WGBH Educational Foundation, 1987				
72	Why Planes Crash	Concepts	E/	7 NTSC/PA L	58	R. Anker/Cranfield A.P.U.	+44(0)1234-750192	decision-making, automation, situational awareness	Coronet Films and Videos, P.O.B. 2649, Columbus OH 43216	RPH/Lofwork			U.S. PBS video, refs to Air Florida crash 13/07/82 into Potomac. Good general H-F intro material. TCan Progressive Literature Review notes that it distinguishes technical from non-technical competence using Delta 191 and Eastern 401 as examples, and recommends for all pilot training from PPL to ATPL and instrument. Karlins says CRM-related topics include (a) danger of functional fixation, (b) automation complacency, 5000 hour problem of vigilance
319	The influence of flight experience on pilot	Concepts/attention	E/92	periodical		Accident analysis and prevention, 24, 6, 655-60			Scuch, H.P. (1992)				
417	Electronic presentation of instrument approach information.	Concepts/attention/automation	E/91	text		Proceedings of the 6th International Symposium on Aviation Psychology. Co			Mykityshyn, M.G., Kuchar, J.K. and Hansman, R.J. (1993)				Uncertain of value for this project
450	Distractions	Concepts/attention/	E/	5 NTSC	15 min	RAF.				Transport Canada			

461	Look Out or Luck Out	Concepts/attention/	E/	5	NTSC	15mins	Transport Canada				Transport Canada				Loss of situational awareness
370	Situation awareness: a critical but ill-defined	Concepts/attention/distraction/ SA	E/91	Inst	periodical		International journal of aviation psychology 1, 1. 45-7				Sarter, N.B and Woods, D.D. (1991)				Analysis of cognitive process in situational awareness
426	Cognitive representations of flight-deck information	Concepts/performance	E/93	Dev	text		Proceedings of the 7th International Symposium on Aviation Psychology, Colorado Springs, Colorado, 4. April.30-33				Ricks, W.R., Jonsson, J.E. and Rogers, W.H. (1992)				Provides a four part taxonomy of classifying flight deck information: content/presentation; perception; relevance; dynamics.
382	Nocturnal traps	Concepts/performance/perception	E/90	Inst	periodical		Flight Training, 2, 4. April.30-33				Zonnefeld, M (1990)				Night flying illusions
149	[]	Concepts/performance/crew morale													
150	[]	Concepts/performance/environment													
154	[]	Concepts/performance/insufficient													
155	[]	Concepts/performance/insufficient													
159	Adjustment to International Life and Work	Concepts/performance/stress	E/	-	PAL	#####	ICAO Montreal PER dept.				World Health Organisation				Available through ICAO Personnel Dept.
265	Aeromedicine for Aviators	Concepts/performance	E/88	PPL	text		Airfile.				Read, K. (1988)				
424	Aeronautical decision making and consistency of crew behaviour.	Concepts/performance	E/93	Dev	text		Proceedings of the 7th International Symposium on AvPersonality/attitude				Prince, C., Hartle, C., and Salas, E. (1993)				Student pilots need more than one model of ADM
152	Against the Clock	Concepts/performance/fatigue/sleep	E/94		PAL	50	BBC	fatigue	+44 (0)181576-2541		BBC Horizon		From BBC £99		*For people who provide 24 hour services; staying awake is a
376	Age Learning Factors Affecting	Concepts/performance	E/89	Inst	text		ED255382				Torbert, B. (1989)				
275	Aircraft - human performance limitations	Concepts/performance	E/93	PPL	text		Canberra: Australian Civil Aviation Authority, 1993.	aviation medicine			Wilson, T.				This book was commissioned by the Australian CAA to provide a HF manual for the aviation industry. Its contents are grouped into four parts: Student Pilot Licence; General Flying Progress Test; Private Pilot Licence, and Commercial Pilot Licence. There is a very short reading list of ten
158	Alcohol, Addiction and Aviation	Concepts/performance/stress	E/		NTSC	22:00	ICAO Montreal AVA library	Alcoholism			HIMS -II, Denver, Colorado				

304	Alcohol, age and piloting: judgment, mood, and actual performance.	Concepts/ performance/ incapacitation/ alcohol and drugs	E/91	Inst	periodical		International Journal of the Addictions. 26, 6. 669-683.				Morrow, D.G., Leirer, V.O., Yesavage, J. and Tinklenberg, Gibbons, H.L. (1988)				Unawareness of impairment after 8 hours
348	Alcohol, aviation and safety revisited: A historical review	Concepts/ performance/ incapacitation/ alcohol and	E/88	Inst	periodical		Aviation, Space and Environmental Medicine. 59 (7) 657-660								
458	Alcohol, Aviators and Accidents	Concepts/ performance/ incapacitation/ alcohol and	E/	5	NTSC	22mins	USArmy				Transport Canada				
359	Autogenic feedback training improves pilot performance	Concepts/ performance/ stress	E/93	Inst	periodical		Flight Safety Digest 12, 7. July. 1-11.				Keller, M.A. et al (1993)				Training to improve pilot performance during high stress and emergency situations
394	Aviation medicine physiology and human factors.	Concepts/ performance	E/	Dev	text		London: Tri med.								See bibliography pp.748-9
247	Aviation medicine.	Concepts/ performance	E/78	PPL	text		London: Tri Med Books.								
457	Aviation Stress Management	Concepts/ performance/	E/	5	NTSC	30 mins	Transport Canada				Transport Canada				
239	Aviators face the challenge of stress	Concepts/ performance/ stress	E/93	PPL	text		COPA Flight Safety Bulletin, 300, 1-2.	Stress			Baran, R.T. (1993)				Includes a useful 15 point checklist, adapted from the Flight Safety Foundation newsletter, of stress symptoms.
238	Basic aviation medicine.	Concepts/ performance	E/	PPL	text		Danair Services.				Bagshaw, M. (19)				
349	Behavioral airsickness management program for	Concepts/ performance/ incapacitation	E/85	Inst	periodical		Aviation, space and environmental medicine.56, 10. 991-4				Giles, D.A. and Lochridge, G.K. (1985)				Success with 35/37 student pilots using this program
328	Carry-over effects of marijuana intoxication on aircraft pilot	Concepts/ performance/ incapacitation	E/85	ATPL	periodical		American Journal of Psychiatry. 142, 11. 1325-1329.				Yesavage, J. A., Leirer, V.O., Denari, M., and Hollister, L. (1988)				Lack of awareness of impaired performance. Effects the day after
406	Categorization and prioritization of flight deck information.	Concepts/ performance/ workload/ cognition	E/93	Dev	text		Proceedings of the 7th International Symposium on Aviation Psychology				Jonsson, J.E. and Ricks, W.R. (1993)				Identified five categories of information -flight control; system status; navigational/reference data; communications; emergency) which reduced to the familiar; aviate, navigate and communicate

237	Inflight Emergencies	Concepts/ performance	E/82	PPL	text		Newmerella, Australia: DH Training Systems						Dyson Holland, V.	TCan			
285	Instrument Flying Handbook	Concepts/ performance/ illusion	E/80	ATPL	text		FAA, ASC 61-27C.	illusion					Department of Transportation				pp8-14 on coping with illusions in flight.
289	International aircrew sleep and wakefulness after multiple time zone flights: a cooperative	Concepts/ performance/ fatigue	E/86	ATPL	periodical		Aviation, space and environmental medicine. 57, 12 Sect II 3-9						Graeber, R.C., Lauber, J.K., Connell, L.J., and Gander, P.H. (1986)				
290	International cooperative study of aircrew layover/ sleep: operational summary.	Concepts/ performance/ fatigue	E/86	ATPL	periodical		Aviation, space and environmental medicine. 57, 12. Sect.II. 10-13						Graeber, R.C., Dement, W.C., Nicholson, A.N., Sasaki, M. (1986)				Different sleep and scheduling needed for east and westward flight-Age and circadian type as variables
351	Investigation of life change as a contributing factor in aircraft	Concepts/ performance/ stress/ lifestyle	E/80	Inst	periodical		Aviation, space and environmental medicine. 51, 9. 081, 088						Haakonson, N.H. (1980)				Recommends means of identifying and remediating life stress problems in pilots
167	Investigation of Memory	Concepts/ performance/ workload/	E/		PAL		Cranfield Coll.of Aeronautics Video Lib. Balab-Anker USAF		+44 (0)1234-75011x46		Contact Cranfield U/Aeronautics						Cranfield U/Aeronautics Tape 29
460	Man and Safety: Physiological	Concepts/ performance	E/	5	NTSC	53 mins											Animated.
268	Managing pilot stress	Concepts/ performance/ stress	E/89	PPL	text		New York: MacMillan.	Stress, stressors, lifestyle					Thomas, M. (1989)				Examines pilot stress, its cause, effect and prevention in 14 chapters, Chapter 8 has some informative case studies of pilots
323	Managing Pilot Stress	Concepts/ performance/ stress	E/89	ATPL	text		New York: MacMillan.						Thomas, M. (1989)				In two parts, the first having 8 chapters which cover the syndrome of pilot stress. the second part of 6 chapters covers the management of stress. Chapter 8 includes relevant case studies of individual pilots.
164	Managing Stress	Concepts/ performance/ stress/ lifestyle	E/		NTSC	#####	NASA/UT, Capt.Roy Butler	Stress, stress management	0101-512-480-0036 (NASA)				McGraw Hill Publishing				Proprietary. Please call Loftwork (+44 (0)1293-783232) for info before contacting individual pilots.
262	Medication and flying - A pilot's	Concepts/ performance/ incapacitation	E/82	PPL	text		Boston Book Pub.	medication, drugs, fitness					Moher, S.M. (1982)				Details medication and drugs which affect pilot performance.
459	Motion Sickness	Concepts/ performance/ incapacitation	E/	5	NTSC	60 mins	Directorate of Flight Safety.	fitness					Dr K Money.				
258	Night Flying	Concepts/ performance	E/	PPL	text		Santa Clarita : Aviation Book Co.						Haines, R., and Flatau, C. ()				Health, physiological and fitness issues
254	Night flying	Concepts/ performance/ perception	E/90	PPL	text		Flight Instructors' Safety Report. 16, 1-1-5	visual illusion					Gless, R.D. (1990)				Visual illusions
303	Occupational stress and the professional pilot: the role of the Pilot Advisor	Concepts/ performance/ stress	E/84	ATPL	periodical		Aviation, space and environmental medicine.56, 7. 633 7	substance abuse, denial, stress					Johnston, N. (1984)				Aviators' denial of symptoms. Possible role of the peer group. [Ed. note: PAG is typical of current support for pilots with substance abuse problems. It is important that pilots are aware that these facilities are widely available and effective

162	One Thank You a Week	Concepts/ performance/ stress	E/	4	PAL	35:00 app.	Cranfield A.P.U.	+44 (0)1234-750111x4604	Stress	ITV Nine to Five series	RPH/Loftwork	Contact Cranfield A.P.U./Dr. Muir, or possibly personal sale by ITV.	Copy of show on Job stress incl. ATC, cabin staff, bus drivers... Series includes other stress artefacts: change, unemployment, identity. Series presenter Gary Cooper.
156	Perception	Concepts/ performance/ perception			PAL		Cranfield College of Aeronautics Vid.Lib/Ralph Anker	+44 (0)1234-750111x466				See also Visual Illusion	Cranfield UI/Aeronautics Tape 29: possibly duplicate of "Seeing Beyond the Obvious"?
251	Pilot - mental and physical performance.	Concepts/ performance	E/90		text		Ames: Iowa State University Press.			Edwards, D.C. (1990)			17 chapters cover physiology, learning, psychology, training, pilot error, judgment, decision making, and deviance. There is a useful bibliography on pp.211-216.
282	Pilot fatigue- a deadly cover up.	Concepts/ performance/	E/82		text		Smithtown: Exposition Press.			Chapman, R.P. (1982)			
396	Pilot workload during an instrument approach.	Concepts/ performance/ workload	E/80		text		IEEE Transactions on Systems, Man and Cybernetics. 10, 10, 676-8			Ephraim, A.R. (1980)			Increase in workload with decrease in touchdown distance
427	Pilots' attitudes towards alcohol use and flying.	Concepts/ performance/ incapacitation/ alcohol and	E/88		periodical		Aviation, space and environmental medicine. 59, 8, 766-769			Ross, L and S. (1988)			Possible boxed summary as illustration or stimulus in manual
161	Police Stress	Concepts/ performance/ stress	E/87		PAL		Cranfield Coll. of Aeronautics Video Lib/Ralph Anker	+44 (0)1234-750111x4604		BBC Horizon Series		Contact Cranfield UI/Aeronautics or possibly BBC	Cranfield UI/Aeronautics Tape 138
410	Post accident/incident counselling: some observations.	Concepts/ performance/ stress	E/88		periodical		Aviation, space and environmental medicine. 59, 8, 766-769			Johnston, A.N., and Kelly, M.G. (1988)			role of stress
315	Prediction of Pilot Performance.	Concepts/ performance/ workload	E/82		text		Ames: Iowa State University, Press, 1980			Roscoe, S.N. and North, R.A.		see main entry under The Pilot's Manual of Medical	pp 127-133 of Reinhart, R.O. (1982) - The pilot's manual of medical certification and health maintenance
385	recognising subtle physiological cues: training to prevent accidents.	Concepts/ performance/ incapacitation	E/93		text		Proceedings of the 7th International Symposium on Aviation Psychology			Blumkin, D.B. (1993)			5 case studies
160	Safety by Stress Management	Concepts/ performance/ stress	E/	5	PAL	70	Loftwork Psychology Co.	+44 (0)1293-783232	Stress, workload, performance	Swissair Flight Safety	RPH/Loftwork	Commercial	Stress; defined. Yerkes-Dawson, Personality and Family and, Company and; refers to BAC111 Barriloece 20/11/77, Challenger shuttle, Rockland Maine twin Otter 30/05/79 (corp. pressure), SR166 747 19/08/86, Malaga DC10 rto 13/9/82 (underarousal). Bit dull at times but good area
248	See and avoid.	Concepts/ performance/ perception	E/88		text		Oklahoma: Times Journal.			Delacerta, F.D. (1988)			The roles of vision, obstructions, communication, traffic patterns, scan and conflict avoidance in preventing collisions

078	Seeing Beyond the Obvious	Concepts/performance/perception/illusion	E/	5	PAL	#####	Loftwork or Cranfield A.P.U.	+44 (0)1293-783232	visual illusion	NASA/Ames Imaging Technology Branch, Moffett Field, California	RPH/Loftwork	Contact NASA/Ames	See also Impact Erebus""	Physiology of sight, perception, illusions. Non-proprietary, good theoretical background to visual perception cues and illusions affecting aviation such as Edge Rate, Vection.
451	Sex and the Naval Aviator	Concepts/performance	E/	5	NTSC	54 min. each	US Navy.		stress		Transport Canada			2 parts, Stress covered in Part 2.
77	Spatial Disorientation and Visual Illusion	Concepts/performance/perception/illusion	E/	5	PAL/NTSC	#####	Air UK/D. Stephen		visual illusion	DND Canada, Flight Safety Directorate (DFS 3-2), G.R. Pearkes	D. Stephen/Air UK	Contact Capt. Stephen or DND Canada	See also Impact Erebus""	Includes explanations of altobaric vertigo, vestibular system somatogravic illusion, whiteout, black hole, elevator illusion, flicker vertigo, coriolls, alcohol effects on semi-circular canal, task saturation, fixation, fascination, autokinesis, distraction. Comprehensive, too long, some effects of greater interest to fast jet than civil
283	Spatial disorientation and dysfunction of orientation/visual	Concepts/performance/perception	E/92	ATPL	periodical		Aviation, space and environmental medicine.63, 10, 014-18		illusion, disorientation	Clark, J.B., and Rupert, A.H. (1992)				Case of overtire having difficulty reading instruments in turbulence- physical problem.
163	Stress	Concepts/performance/stress/lifestyle	E/	-	PAL	#####	Video Arts	+44(0)171-637-7288	stress management	Video Arts Production	Video Arts	Commercial, hire or long term license (£895)	other stress titles	*Britain loses 2% of annual GNP through stress-related disease...this video setso out to stimulate discussion on what stress is and what can be done about it. Presented by Dr. Michael O'Donnell, "Stress" follows a day in the life of (David Suchet) who struggles with a hectic schedule, emergencies, a demanding superior, an ambitious subordinate and domestic problems...Dr. O'Donnell indicates what may cause stress and how it might be avoided.*
350	Stress and accidents	Concepts/performance/stress	E/85	Inst	periodical		Aviation, space and environmental medicine.56, 7, 638			Green, R.G.(1985)				3 types of stress: their part in accidents
331	Stress and the Pilot	Concepts/performance/stress	E/90	Inst	text		Flight Instructors' Safety Report, 16, 4 October 1-8			AOPA, (1990)				Survey of pilots with questions and results provided.
79	Stress Check	Concepts/performance/stress	E/92	8	text	31 pages	RPH/Loftwork	+44 (0)1293-783232	Stress	Berean Projects Ltd.	RPH/Loftwork	Commercial - POA StressCheck, 01527-595211	Dryden, Safety by Stress Management	Same supplier stocks stress dots, stress presentation packs etc. Booklet used on Aer Lingus MCC course, very effective for understanding basic stress concepts, comes with stress dots! Handbook available from Loftwork for £5 or in bulk from StressCheck at varying
334	Stress in aviation personnel	Concepts/performance/	E/92	Inst	periodical		Psychological studies.37, 1, 1-6			Barnes, B.L. (1992)				Comparing captains, flight engineers and cabin attendants
146	The Importance of Mistakes	Concepts/performance	E/	PAL		40	Video Arts	+44 (0)171-637-7288		Video Arts Production		Commercial from Video Arts		John Cleese talk to U.S. trainers - each mistake is a valuable lesson. If people won't own up to their mistakes, problems mount. By following these lessons, managers can foster a positive attitude to

145	The Motley Crew	Concepts/ performance	E/ -	PAL		Video Arts	+44 (0)171- 637-7288	teamwork	Video Arts Production	Commercial from Video Arts, hire or buy (£895)	S also if Looks Could Kill"	Can be used as part of CRM course to highlight the importance of teamwork and explain the concept. Key messages are: have a common goal, learn from experience, speak a common language, work in stages, support and develop, listen and contribute. Good comic highlights, needs discussion afterwards to reinforce links with aviation and CRM. Hire fees from Video Arts are
259	The Pilot's Guide to medical Human Factors	Concepts/ performance	E/93	8/PPL text		Ottawa: Minister of Supply and Services.		aviation medicine	Health and Welfare Canada (1993)			Produced by Transport Canada's Dr Paul King with Aviation Training Division input, this 58 page manual covers atmosphere, hypoxia, hyperventilation, gas expansion, decompression, vision, hearing, disorientation, fitness, diet, medication, substance abuse, pregnancy - a
304	The pilot's guide to medical human factors.	Concepts/ performance	E/93	ATPL text		Ottawa: Ministry of Supply and Services			Health and Welfare, Canada (1993)			7 chapters covering commercial aviation medical/health
311	The pilot's manual of medical	Concepts/ performance	E/82	ATPL text		Osceola: Specialty Press, 1982.			Reinhart, R.O. (1982)			
397	The psychological health and stress of pilots in a labor	Concepts/ performance/ stress	E/88	Dev periodical		Aviation, space and environmental medicine. 59.6.505-100			Girido, M. (1988)			Identification of pilots at risk
340	The sources of stress on the wives of commercial	Concepts/ performance/ stress/ lifestyle	E/85	Inst periodical		Aviation, space and environmental medicine. 56, 4, 217-21			Cooper, C.L. and Sloan, S.J. (1985)			Impact of the pilot's job on his wife.
305	The spousal factor in pilot stress	Concepts/ performance/ stress/ stress and lifestyle	E/89	ATPL text		Aviation, space and environmental medicine. 60, 11, 1112-1115			Karlins, M., Koh, F., and McCully, L. (1980)			Design of airline stress management program for husband and wife
388	Training and cockpit design to promote expert performance.	Concepts/ performance/ equipment/ ergonomics	E/91	Dev text		Proceedings of the 6th International Symposium on Aviation Development, Col			Chappell, S.L. (1991)			Importance of pattern recognition or intuition to reduce cognitive load and increase speed and accuracy. Useful table of references.
393	Training and selecting individuals for high levels of information	Concepts/ performance/ workload	E/89	Dev text		NATO: AGARD-CP-458, pp15/1 - 15/8			Damos, D. (1989)			Experienced pilots should have developed idiosyncratic scan patterns to be efficient
165	UAL DC-8 Salt Lake City	Concepts/ performance/ stress/	E/	* NTSC 25:00 app.		US Air Shuttle/N. Komich		Stress	N. Komich/US Air Shuttle	Contact N. Komich		* ... when used in conjunction with [UAL DC-8 Portland] can indicate how the 'corporate culture' can influence crew behaviour *
151	User Interface Performance Measurement	Concepts/ performance/ equipment/ ergonomics		PAL		G.I.S.T.	+44 (0)141-330-4611		Glascow Interactive Systems Centre, Media Services,			Flight deck ergonomics, advanced flight deck, glass cockpit

455	Visual Illusions	Concepts/ performance/ perception	E/	NTSC	15 mins.	USAF					Transport Canada		Low level, mountain, flat country.	
314	Visual judgments of size and distance.	Concepts/ performance/ perception	E/82	ATPL	text	Ames: Iowa State University, Press, 1980						see main entry under The Pilot's Manual of Medical Certification	pp 97-107 of Reinhart, R.O. (1982) -The pilot's manual of medical certification and health maintenance	
344	Workshop on workload and training, an evaluation of	Concepts/ performance/ workload	E/87	Inst	text	Moffett Field: NASA Ames/ Springfield: National Technical								
368	Pilots' perception of risks and hazards in general aviation	Concepts/ personality/ attitude	E/90	Inst	periodical	Aviation, space and environmental medicine. 61, 7. 500-603							Age and notions of invulnerability	
487	Plane Talk on Ice	Concepts/ resources	EF/93	NTSC/PA L/SECAM	16 mins	Ariane information Inc.	001-514- 349-0722	icing hazards	same	Transport Canada	Ariane info ref AIAV020E, phone or email ariane@ariane- info.com. Price USD\$100 NTSC, other formats	When In Doubt... (either large or small a/c)	Pilots, flight attendants and other personnel discuss how to effectively deal with the hazards of ice for a/c operations from helicopters to airliners.	
489	The Risk of Ground Collision	Concepts/ resources	EF/	NTSC/PA L/SECAM	15 mins	Ariane information Inc.	001-514- 349-0722		same	Ariane Info	Ariane info ref AIAV025E, phone or email ariane@ariane- info.com. Price USD\$100 NTSC, other formats		A dynamic review, using case studies, on how to prevent accidents at airports. Shows the daily problems of pilots, ATC, flight service specialists and vehicle operators.	
485	When in doubt: Aircraft critical surface contamination training	Concepts/ resources	EF/94	NTSC/PA L/SECAM	13 mins	Ariane information Inc.	001-514- 349-0722	icing hazards	same	Transport Canada	Ariane info ref AIAV017E, phone or email ariane@ariane- info.com. Price USD\$100 NTSC, other formats	Plane Talk on Ice	Produced by Transport Canada's Flight Standards division, this approved training on the adverse effect of wing contamination on a/c performance is designed to give the aviation professional some guidelines about icing, suggested solutions to icing conditions and an awareness of how s/he can improve safety in these conditions.	
486	When in doubt: Aircraft critical surface contamination training (Large A/C)	Concepts/ resources	EF/94	NTSC/PA L/SECAM	19 mins	Ariane information Inc.	001-514- 349-0722	icing hazards, large a/c	same	Transport Canada	Ariane info ref AIAV017E, phone or email ariane@ariane- info.com. Price USD\$100 NTSC, other formats	Plane Talk on Ice	Produced by Transport Canada's Flight Standards division, this approved training on the adverse effect of wing contamination on a/c performance is designed to give the aviation professional some guidelines about icing, suggested solutions to icing conditions and an awareness of how s/he can improve safety in these conditions.	
224	[]	Concepts/ understanding/ insufficient										See Performance		

225 []		Concepts/ understanding/ misleading displays																See Kuala Lumpur Seaboard World accident	
226 []		Concepts/ understanding/ misleading																	
366 A	method of studying errors in flight crew	Concepts/ understanding/ communication	E/89	Inst	periodical														Two dimensional taxonomy trialled in licensing test
440 A	skill-based approach to training	Concepts/ understanding/ decision making	E/93	Dev	text														The ACT* 3 stage model of pilot decision-making; and important differences between novice and expert decision-making
249	Aeronautical decision-making for student and private pilots.	Concepts/ understanding/ decision making	E/87	PPL	text														
192	Air Traffic Under Control	Concepts/ understanding/ communications/ resources	E/	-	PAL	15:00 app.													Apply to UK CAA
466	Alert 3: Crash of UAL Flight 232	Concepts/ understanding/ teamwork	E/	-	PAL														See also Struggling for Control"
267	Avoiding Common Pilot Errors	Concepts/ understanding/ resources	E/	PPL	text														UA version - see accident investigation
203	Bad and Good Briefings	Concepts/ understanding/ concepts/ coordination/ briefings	E/	#####	NTSC	4:35													A dramatised version of Sioux City, some actual news footage of landing. "
83	Better Communications for Better Safety	Concepts/ understanding/ communication	E/	-	NTSC														Controlled airspace errors
197	Better Communications for Better Safety	Concepts/ understanding/ communications/ example	E/	-	NTSC	#####													Bad briefing is the same as 4 minute join up (negative) from tape CRM # 302 A
326	Beyond the sterile cockpit	Concepts/ understanding	E/85	ATPL	periodical														General introduction to type and importance of flight deck communications. The phone number given here is for NASA/UT Capt. Roy Butler, who originally referenced the tape. You may be able to get current sourcing information and background from Bill Hamman, UAL LOFT specialist, at 001-800-800-8000
																			For UAL into a possible contact might be Bill Hamman, UAL LOFT specialist, at 001-303-780-5238. The phone number given here is for Capt. Roy Butler at NASA/UT , who originally referenced the video
																			Need for an active human role in the control loop

217	Bobby's Briefing - Non-interactive	Concepts/ understanding/ coordination/ briefing/ teamwork	E/	-	NTSC	06:00	Lofwork or NASAUT Crew Performance/Roy Butler	+44 (0)1293-783232	Briefing, attitude, team building	+44 (0)1273-891019	Fedex/Capt. Steve Harden, 0101 901-369-9245	RPH/Lofwork	Proprietary, held by Fedex Flight Training.	Capt Queeg, Fedex Check Airman vignettes	Fedex Check Airman #3 seminar video. Flight deck example of intimidation leading to unapproved SOP deviations.
218	Caine Muinty Revisited	Concepts/ understanding/ coordination/ teamwork	E/	5	NTSC	30:00	N. Komich/USAir Shuttle/ email 102441.1130@compuserve.com	0101-508-927-9566	Teamwork: stress		N. Komich/US Air Shuttle	Contact N. Komich, 55 Middlebury Lane, Beverly, MA 01915-1472, USA	Hazardous attitude	Home made shortened version of the Caine Muinty depicting an explosive incompetent captain along with a competent F/O; a good tool for generating discussion.	
210	Capt. Queeg's Tight Ship	Concepts/ understanding/ coordination/ briefing/ teamwork	E/	#####	NTSC	02:23	Lofwork or NASAUT	+44 (0)1293-783232	briefing, assertiveness, team building	0101 (901) 369-3960	Fedex/Capt. Steve Harden, 0101 901-369-9245	RPH/Lofwork	Proprietary	Personality/attitude	The kind of briefing you hear about, amusing rather than realistic but makes the point effectively. Queeg makes a dinosaur look cuddly.
191	Cleared for Take-off	Concepts/ understanding/ communications/ teamwork	E/80	-	PAL	#####	Cranfield U/A.P.U./Dr. Muir	+44 (0)1234-750111 x4604	ATC		ICAO/UNDP		See also Struggling for Control"	Available in NTSC from ICAO Montreal.	
274	Communication breakdown	Concepts/ understanding/ communication	E/94	PPL	text		Aviation Safety XIV, 4. February 15, 16				Waldock, W. (1994)			Examples of miscommunication.	
204	CRM LOFT- Brief/Debrief with 2 Facilitators	Concepts/ understanding/ concepts/ coordination/ briefing/ teamwork	E/94	*	NTSC	15:17	NATCO, USA. Chuck Woods	0101 (612) 727-4880	Briefing, debriefing, trainer training		NATCO, USA	Commercial via NATCO, USA. Chuck Woods, price by negotiation	See also Struggling for Control"	Brief and debrief of the LOFT in tape CRM# 305A. Crew is in a 727 from MSP to ORD. F/O personality is a problem and facilitation skills in the brief and debrief leave something to be desired	
193	Crowded Sky	Concepts/ understanding/ communications/ teamwork	E/	-	PAL	25:00	Cranfield U/Aeronautics/R. Anker	+44 (0)1234-750111 x4604	ATC		UK CAA	Apply to UK CAA	See also Struggling for Control"	Cranfield U/Aeronautics Tape 47.	
221	Decisions, Decisions	Concepts/ understanding/ decision making	E/	-	PAL	#####	Video Arts	+44 (0)171-637-7288	Decision making		Video Arts Production	Commercial from Video Arts, hire or buy (E895)	S also if Looks Could Kill"	Can be used as part of CRM course to highlight the importance of decision making and explain the concept. Discusses the role of consultation and communication in decision making. A business management video with John Cleese in the roles of Winston Churchill, Field Marshall Montgomery and Elizabeth I. Reinforces similarities between decision making on the flight deck and in the boardroom - possibly useful to improve directors' approach	
403	Design and evaluation of instrument approach	Concepts/ understanding	E/93	Dev	text		Proceedings of the International Symposium on Aviation Decision Making, Vol. 1				Huntley, M.S. and Osborne, D.W. (1993)			Criticises legibility of communication frequencies, approach course heading and missed approach instructions	
215	Dr. R. Gennett, Team Building, Presentation Tape 2	Concepts/ understanding/ coordination/ teamwork	E/	-	NTSC	#####	NASAUT Crew Performance/Roy Butler; tape II:25	001-303-780-5238	teamwork		United Air Lines	Proprietary		NASA UT Ref # II-19. The phone number given is for Bill Hamman, UAL LOFT specialist, who MAY be able to provide current background and sourcing info. Otherwise contact Capt. Roy Butler at MASULT	

216	Dr. R. Gemnett, Team Building, Presentation Tape 1	Concepts/ understanding/ coordination/ teamwork	E/	-	NTSC	#####	NASA/UT Crew Performance/Roy Butler, tape II:25	001-303-780-5238	teamwork		United Air Lines		Proprietary		NASA UT Ref # II-18. The phone number given is for Bill Hamman, UAL LOFT specialist, who MAY be able to provide current background and sourcing info. Otherwise contact Capt. Roy Butler of NASA/UT.
346	Dyads and triads at 35,000 feet: factors affecting group process	Concepts/ understanding/ coordination	E/84	Inst	periodical		American Psychologist, 39, 8, 885-93.		cognitive fitness, disaster incubation		Foushee, H.C. (1984)				Importance of group norms, member effort and coordination, and changing group composition
321	Emergency: Crises in the Field	Concepts/ understanding	E/	ATPL	text		Santa Clarita: Aviation Book Co.				Stewart, S. ()				Analysis of airline incidents and crew operations
493	Fit to Fly — Cognitive Training for Pilots	Concepts/ understanding	E/97		text					Australian Flying (Sept/Oct 1997)	Doug Edwards		CopyRight Publishing Company, GPO Box 2927, Brisbane 4001 Australia		Review from Australian Flying September/October 1997
208	Flight Asymmetry with Debrief	Concepts/ understanding/ coordination/ debrief/ example	E/	-	NTSC	09:40	NASA/UT Crew Performance/Roy Butler, tape 1-19	0101 (901) 369-2365	debrief, LOFT/LOS		Fedex/Capt. Steve Harden, 0101-901-369-2245		Proprietary		NASA UT Tape ref #I-15. Research viewing only. Contact Fedex Flight Training, or
220	Flixborough Disaster	Concepts/ understanding/ decision making/ disaster	E/75	-	PAL	#####	BBC	+44 (0)181-576-2541	decision making, disaster incubation, accident chain		BBC		Commercial, £65 from BBC		This classic documentary investigates the Flixborough chemical plant disaster in which 28 people died and asks what lessons can be learned for the future.
199	Good Briefing	Concepts/ understanding/ communications/ briefing/ example	E/	-	NTSC	02:55	NASA/UT Crew Performance/Roy Butler	0101-512-480-0036 (NASA)	Briefing		Southwest Airlines, Flight Training Center, 2700 Love Field Drive, Dallas, TX 75235		Proprietary		Access via Capt. Roy Butler, NASA UT. Ref Tape # I-40. For Southwest info possible contact might be Joe Marrott, 214-904-5200
200	Good communications	Concepts/ understanding/ communications/ example	E/	-	NTSC	03:49	NASA/UT Crew Performance/Roy Butler	0101-512-480-0036 (NASA)	communications		Southwest Airlines, Flight Training Center, 2700 Love Field Drive, Dallas, TX 75235		Proprietary		Access via Capt. Roy Butler, NASA UT. Ref Tape # I-37. For Southwest info possible contact might be Joe Marrott, 214-904-5200
211	HOU-DAL (A) Low Performance	Concepts/ understanding/ coordination/ example	E/	-	NTSC	#####	NASA/UT Crew Performance/Roy Butler	0101-512-480-0036 (NASA)	communications, delegation, briefing		NASA UT/Southwest		Non-proprietary		Access via Capt. Roy Butler, NASA UT. Ref Tape # I-31. For Southwest possible contact would be Joe Marrott, Flight Training Center, 214-904-5200
212	HOU-DAL (B) Standard Performance	Concepts/ understanding/ coordination/ example	E/	-	NTSC	#####	NASA/UT Crew Performance/Roy Butler	0101-512-480-0036 (NASA)	communications, delegation, briefing		NASA UT/Southwest		Non-proprietary		Access via Capt. Roy Butler, NASA UT. Ref Tape # I-30. Possible Southwest contact would be Joe Marrott, Flight Training Center, 214-904-5200

213	HOU-DAL (C) High Performance	Concepts/ understanding/ coordination/ resources	E/ -	-	NTSC	#####	NASA/UT Crew Performance/Roy Butler	0101-512-480-0036 (NASA)	communications, delegation, briefing	0101-512-480-0234	NASA UT/Southwest		Non-proprietary	Britannia High Performance	Access via Capt. Roy Butler, NASA UT. Ref Tape # I-29. Possible Southwest contact would be Joe Marott, Flight Training Center, 214-904-5200 Includes CRM, multi-crew training, glass cockpit, decision-making.
294	Human factors in aviation, Vol. 48, No. 7	Concepts/ understanding	E/93	ATPL	periodical		ICAO Journal, vol 48, No. 7 (September 1993)				ICAO Journal, (1993)				
307	Human factors in aviation - a senior airline pilot's viewpoint.	Concepts/ understanding	E/90	8ATPL	text		ICAO Human Factors Digest No. 4. Circular 229-AN/137. A82-A85.		RTO		MacDonald, R. (1990)		ICAO Documentation & Sales, 1000 Sherbrooke St. W., No. 400, Montreal, Que, Canada H3A		Analyses the complexity of factors in a rejected take-off. [Ed note: this is one of the series of ICAO HF circulars, all of which are readable and merit attention.]
411	Human Factors knowledge requirements for flight crews	Concepts/ understanding	E/93	Dev	text		Human Factors Digest, No. 9. Montreal, ICAO. A20-34				Kankowitz, B.H. (1993)				Advocates use of mental models and "frames", with case studies and incident reports. Implications for manuals.
284	Human Factors of Flight-Deck Checklists - the integrated flight displays.	Concepts/ understanding/ coordination/ misleading displays	E/90	ATPL	text		NASA Report NCC2-377.				Degani, A., and Wiener, E. (1990)				Useful section on factors influencing checklist incidents, pp38-43
313	Checklists - the integrated flight displays.	Concepts/ understanding/ misleading displays	E/82	ATPL	text		Ames: Iowa State University, Press, 1980				Roscoe, S.N. and Eisele, J.E.			see main entry under The Pilot's Manual of Medical	pp 48-61 of Reinhart, R.O. (1982) - The pilot's manual of medical certification and health maintenance
236	It's Not Easy	Concepts/ understanding/ communications/ resources	E/92	-	PAL		ScoiRail Training and Loftwork	+44 (0)1293-783232	PAX handling, cabin staff (railways)	as phone	ScoiRail Training Centre Rotheglen	RPH/Loftwork	Proprietary	Training integration	The video deals with training traincrew to handle hostile or aggressive passengers, looking at the behaviours and attitudes involved. Aside from relevance to cabin integration training, this is a good example of what psychologists refer to as "Behaviour markers" - relevant to understanding
209	Laid Back Briefing	Concepts/ understanding/ coordination/ briefing/ resources	E/ -	-	NTSC	07:20	NASA UT/Capt. R. Butler	0101 (512) 480-0036 (NASA)	briefing, assertiveness, team building	0101 (901) 369-3960	Fedex/Capt. Steve Harden, 0101-901-369-3245		Proprietary		NASA/UT Tape Ref #I-12
341	Language and Communication-Related Problems of Aviation Safety	Concepts/ understanding/ communication	E/88	Inst	text		Proceedings of the 1987 Annual Meeting of the American Association for Aviation Safety				Cushing, S. (1988)				
205	Lead F.A. Briefing/Established Crew Briefing	Concepts/ understanding/ concepts/ coordination/ briefing	E/94	-	NTSC	5:34	NATCO, USA. Chuck Woods	0101 (612) 727-4880	flight crew briefing, cabin staff briefing, training integration		NATCO, USA	J. Brown/NWA	Commercial via NATCO, USA. Chuck Woods, price by location	training integration	727 Captain briefs lead flight attendant because there is no opportunity to brief the entire cabin crew.
438	Management of human failure in the cockpit by means of a human system	Concepts/ understanding	E/93	Dev	text		Proceedings of the 7th International Symposium on Aviation Psychology, Vol. 1				White, G. (1993)				On pp983-984 are examples of a checklist which could be adapted for HF

201	MCC Course - Communications	Concepts/ understanding/ communication/ resources	E/93	7	PAL	5:00 app	Lofwork or Air Lingus, Capt. Neil Johnston	010-353-1-214530	communications	010-353-1-7056650	Aer Lingus/Capt. Neil Johnston, Training Dev. Dublin	RPH/Lofwork	Proprietary, research viewing only	Part of AEL's CRM Course series of Zig and Zag vignettes, effective topic introductions. For more info talk to Aer Lingus Training Development, Dublin Airport.
223	MCC Course - Decision Making	Concepts/ understanding/ decision making	E/	7	PAL	5	Lofwork or Air Lingus, Capt. Neil Johnston	010-353-1-214530	Decision making	010-353-1-7056650	Aer Lingus/Capt. Neil Johnston, Training Dev. Dublin	RPH/Lofwork	Proprietary, research viewing only	Part of AEL's CRM Course series of Zig and Zag vignettes, effective topic introductions. For more info talk to Aer Lingus Training Development, Dublin Airport PA3, Capt. Crios O'Kinnalide
219	MCC Course - Teamwork	Concepts/ understanding/ coordination/ teamwork	E/	7	PAL	5	Lofwork or Air Lingus, Capt. Neil Johnston	010-353-1-214530	teamwork	010-353-1-7056650	Aer Lingus/Capt. Neil Johnston, Training Dev. Dublin	RPH/Lofwork	Proprietary, research viewing only	Part of AEL's CRM Course series of Zig and Zag vignettes, effective topic introductions. For more info talk to Aer Lingus Training Development, Dublin Airport, Capt. Crios O'Kinnalide
466	Night of a Thousand Heros	Concepts/ understanding/ teamwork	E/	-	PAL		Cranfield U. Applied Psychology, Dr. H		Sioux City: training integration, cabin crew			RPH/Lofwork	UA version - see accident investigation	A dramatised version of Sioux City, some actual news footage of landing "
222	Nothing on the Clock	Concepts/ understanding/ decision making	E/97	-	NTSC/PAL	23:00	ICAO; Cornelia Fischer		Decision making		ICAO Montreal, DSU, 1000 Sherbrooke St. W, Montreal H3A 2R2,	ICAO	Commercial; NTSC \$50, PAL \$65, #F631	This video has a safety message for both the experienced pilot and the beginner. It shows causes of and responses to actual incidents to encourage the viewer to avoid similar pitfalls - a highly recommended video for flying clubs and schools.
82	NWA Cockpit Scenarios	Concepts/ understanding/ coordination/ teamwork	E/92	-	NTSC	19.5	NATCO, Chuck Woods (ff)	0101 (612) 727-4880	Simulator scenarios		J. Brown/NW A	Commercial via NATCO USA, Through Chuck Woods, price by negotiation		Scenarios dealing with team building, assertiveness and handling distraction.
256	Perform and Care	Concepts/ understanding	E/	5	NTSC	6 mins	Transport Canada		teamwork, communication		Swissair OTE	Transport Canada	Commercial, USD\$250	*Shows parallel between mountain climbing and flying in terms of teamwork, communication and cross-monitoring for safety. Probably limited to a discussion starter, but can be used with an audience of commercial, instrument and airline pilots.
299	Pilot decision making and judgment.	Concepts/ understanding/ decision making	E/89		ATPL		Aldershot: Gower Technical	0252-331551		0252-344405	Telfer, R.		From Avebury Press, app £37.50	Aviation Psychology
408	Pilot judgment, training and evaluation	Concepts/ understanding/ decision making	E/82		Dev		Human factors, 24, 1. 61-73				Jensen, R.S. (1982)			Ways that judgment may be taught and evaluated
322	Pilot judgment: an operational viewpoint.	Concepts/ understanding/ decision-making	E/85		ATPL		Aviation, space and environmental medicine, 56, 2. 149-52				Stone, R. B., Babcock, G.L., and Edmunds, M.M. (1985)			Reports are used to demonstrate airborne decision making and time pressure involved

234 L	Police! Stop! (1&2)	Concepts/ understanding/ decision making/ disaster	E/ -	1	PAL		BBC	+44 (0)181- 576-2541	decision making, disaster incubation, accident chain		BBC	BBC	Broadcast - commercial access	BBC Environment listings for Chernobyl, Disaster, Alaska	Footage of police chases and related incidents - possible interest for decision-making in emergency situations and general training background material
214	Pre-takeoff Checklist	Concepts/ understanding/ coordination/ communication	E/ -		NTSC	06:50	NASA/UT Performance/Roy Butler	0101-512- 480-0036	communications, delegation, briefing	0101-512- 480-0234	Southwest		Proprietary		Access via Capt. Roy Butler, NASA UT. Ref Tape # I-38. For Southwest info possible contact might be Joe MArott, Flight Training Center, 214- 904-5200
491	Pressure from Above	Concepts/ understanding	EF/ -		NTSC/PA L/SECAM	17 mins	Ariane Information Inc.	001-514- 349-0722	operational stress	same	Ariane Info		ref AIAV027E, phone or email ariane@ariane- info.com. Price USD\$100 NTSC, other formats	The Invisible HUD Video based on scenarios from actual accidents or real-life operations, shows the working relationship between the client, flight operations, AMEs and pilots.	
206	Radio Officer	Concepts/ understanding/ coordination/ teamwork	E/ -		PAL		British Airways	+44 (0)181- 562-5752	Group climate		KLM ~		Via KLM Flight Training		From KLM, used by British Airways for their CRM foundation course. No other info. available.
202	Rejected Take- off and the Go/No Go decision	Concepts/ understanding/ concepts/ coordination	E/ -		NTSC	19:36	ICAO Montreal AVA library		RTO						
400	Relationship between mental models and scanning behavior during	Concepts/ understanding	E/91 Dev		text		Proceedings of the 6th International Symposium on Aviation Psychology, Col Orlando, FL				Hameluck, D.E. (1991)				References on p.944 helpful. Importance of conception and use of information about approach procedure
81	Review of CRM Concepts	Concepts/ understanding	E/93 #####		NTSC	15.1	NATCO, USA, Chuck Woods	0101 (612) 727-4880	communication, teamwork, workload management		NATCO, USA	J. Brown/NW A	NATCO, USA. Chuck Woods. Price by negotiation		John Brown, manager of the Crew Resource Management department, reviews the definition of CRM and the Crew Performance Indicators - Communication, Team Building, Workload Management and Technical Proficiency
84	Straight Talking	Concepts/ understanding/ communications	E/ -		PAL (video and CDI)	#####	British Airways ~ (ff)	+44 (0)171- 637-7288	Advocacy, enquiry		Video Arts	Video Arts	Commercial; rental, short term £165 + £15/day.	Washington Air Florida CVR.	*The Art of Assertiveness - shows the techniques of assertive behaviour in a series of settings. They demonstrate that assertiveness is simply a way of making sure people and their views get noticed rather than being overwhelmed, or resorting to anger...key messages are: be honest and helpful; stick to relevant issues; establish a bottom line; use instant replay to maintain your
195	Struggling for Control	Concepts/ understanding/ communications/ resources	E/88 -		PAL	#####	BBC	+44 (0)181- 576-2541	ATC		BBC Horizon	BBC	Commercial, £99 from BBC Videos	Training integration	This video shows how Air Traffic facilities function and compares these methods and levels of safety with those used in the USA.
194	Suburbs in the Sky	Concepts/ understanding/ communications/ resources	E/92 -		PAL	40:00 app.	Cranfield UAeronautics/R. Anker	+44- (0)1234- 750111 x 4604	cabin staff, history		BBC2			Training integration	Cranfield UAeronautics ref AV7.

198	Taxi (poor Communications) no. 1	Concepts/ understanding/ communications/ example	E/	-	NTSC	03:30	NASA/UT Crew Performance/Roy Butler	0101-512-480-0036 (NASA)	communications	0101-512-480-0234 (NASA)	Southwest Airlines, Flight Training Center, 2700 Love Field Drive, Dallas TX 75235	Proprietary	Access via Capt. Roy Butler, NASA UT. Ref Tape # 1-32. For Southwest info possible contact might be Joe Marrott, 214-904-5200
367	The 'artful' decision maker: a framework model for aeronautical	Concepts/ understanding/ decision making	E/92	Inst	periodical		International journal of aviation psychology. 2, 3. 175-91				O'Hare, D. (1992)		Situation awareness, risk assessment, planning, response
429	The Assessment of non-routine situations by pilots: a two-part	Concepts/ understanding/ decision making	E/87	Dev	periodical		Aviation, space and environmental medicine. 58, 11. 1119-1121				Simmel, E. C., and Shelton, R. (1987)		A model for judgement
379	The human factors of team building - implications for job skills training	Concepts/ understanding/ coordination	E/91	Inst	text		Proceedings of the 6th International Symposium on Aviation Psychology, Montreal, Quebec, Vol. 1, pp. 375-399. EJ380203				Weisman, G. (1991)		Describes Hampton University program where trainees function in teams to promote awareness, feedback, reinforcement for CRM habits
360	The Quantitative Study of Communicative Success	Concepts/ understanding/ communication	E/88	Inst	periodical		Language in Society 7 (3) 375-399. EJ380203				Linde, C. (1988)		
235	The Tiffeld Thunderbolt	Concepts/ understanding/ coordination/ teamwork	E/	3	PAL		Loftwork	+44 (0)1293-783232	teamwork, empowerment	as phone	BBC	RPH/Loftwork	Old (40s) film about a village whose inhabitants achieve the impossible, including liberating an ancient steam locomotive from the local museum. <i>Useful example of communication in action</i>
452	To Kill a Whopping Bird	Concepts/ understanding/ resources	E/	5	NTSC	15 mins.	Transport Canada		ground crew, training integration			Transport Canada	HF and ground crew
207	Who's Minding the Store?	Concepts/ understanding/ coordination/ example	E/	-	NTSC	08:08	Loftwork and NASA/UT/Roy Butler	0101 (901) 369-2365	delegation, coordination, teamwork		Fedex/Capt. Steve Harden	Proprietary, or research viewing	UT Tape ref #1-13. Flight deck video example of distraction, poor delegation. Research viewing only, contact Loftwork (+44 (0)1293-783232 for further info, or apply to Endox Flight Training
333	Why pilots err and what we can	Concepts/ understanding	E/91	Inst	periodical		Forensic reports.4.4.391-				Besco, R.E. (1991)		Checklist of factors to reduce pilot error
480	1-Alpha	Concepts/ understanding/ resources	EF/50		NTSC/PA L/SECAM	13 min	Ariane Information Inc.	001-514-349-0722	emergency services		Transport Canada	Ariane Info ref AIAV006E, phone or email ariane@ariane-info.com. Price USD\$100 NTSC, other formats	Documentary commissioned by NFBC from Intercom Films for Transport Canada in 1950, follows a large scale emergency exercise at Lester B. Pearson airport in Toronto involving a simulated airliner crash-on-land.
300	Cockpit resource management.	CRM	E/89	ATPL	text		Aldershot: Gower Technical.	0252-331551		0252-344405	Jensen, R.S. and Biegeleki, C.	From Avebury Press, app £37.50	pp 176-209 of Jensen,RS. (Ed) (1989). Aviation Psychology
296	Training of operational personnel in	CRM	E/91	ATPL	text		Montreal: ICAO Circular #27.				ICAO (1991)		see main entry under Aviation Psychology

295	Flight crew training: cockpit resource management (CRM) and flight instructor training.	CRM+	E/89	ATPL	text		Montreal: ICAO Circular #217.		LOFT		ICAO (1989)								
337	Proceedings of the 6th International Symposium on Flight Skill Decay and Recurrent Training.	CRM/evaluation+	E/	Inst	text		The Ohio State University, Vol. 2. 613-618.				:								See checklist on p. 618 for possible adaptation to HF testing
390	Flight skill decay and recurrent training.	CRM/ formal methods/ criticality and management	E/86	Dev	periodical		Perceptual and motor skills.62, 2. 235-242				Childs, J.M. (1986)								Cognitive skills more prone to decay than control skills. Effective recurrent training methods described
381	Aviation safety programs: a management	CRM/ management	E/91	Inst	text		Casper: IAP				Wood, R.H. (1991)								
454	Human Factors in Accidents.	CRM/ management?	E/	5 NTSC	15 min.		Transport Canada					Transport Canada							USAF air safety program
383	Human performance limitations requirements, the	CRM/ programme audit	E/93	Dev	text		Human factors Digest No. 9. Montreal, ICAO, 1993.				Barnes, R.M. (1993)								Describes UK HF syllabus, examination, and early history of pass rates. Used to construct composite model.
338	Trends and individual differences in response to short	CRM/ programme audit	E/90	Inst	periodical		Aviation, space and environmental medicine. 61, 2. 132-8				Chidester, T.R. (1990)								Scales predicting performance in a crew setting
276	Aviation Safety Programs: A Management	CRM/ Programme dev	E/	PPL	text		Santa Clarita: Aviation Book Co.				Wood, R.H. ()								Covers the human element, aviation safety programs and specialist subjects
241	Checkpoints: seven steps for charting a comprehensive	CRM/ programme dev	E/91	PPL	text		Flight Training December. 37-39.				Butcher, R.L. (1991)								Basic, intermediate and advanced stages of instrument flight training.
358	Human factors and flight instructor training.	CRM/ programme dev	E/93	Inst	text		Proceedings of the IATA 22nd technical conference. Montreal, IATA, 200				Kabbani, M.A. (1993)								Describes 25 hour course based on entry behaviour (3.5 hrs); terminal behaviour (2 hrs); human behaviour (3.5 hrs); learning process (3.5 hrs) and human behaviour analysis by video role play (12.5 hrs)
374	Improving aviation instruction	CRM/ programme dev	E/94	Inst	text		Paper presented to the 21st Western European Association for Aviation Dev				Teller, R. (1994)								
355	Instructor and Check Pilot Training	CRM/ programme dev	E/87	Inst	text		IATA				IATA, (1987)								Nine airlines describe their training methods
371	Introduction to training systems	CRM/ programme dev	E/82	ATPL	text		Ames: Iowa State University, Press, 1980				Roscoe, S.N., Jensen, R.S. and Gawron, V.J.								pp 173-181 of Reinhart, R.O. (1982) - The pilot's manual of medical certification and health maintenance
																			see main entry under The Pilot's Manual of Medical Certification

86	Evaluating Technical and Human Factors Skills in a LOFT	CRM/ programme dev/ evaluation+	E/92	-	NTSC	24.3	NATCO, USA, Chuck Woods (ff)	0101 (612) 727-4880	Simulator Scenarios			J. Brown/NWA	Commercial via NATCO, USA. Chuck Woods, price by association	Personality/ attitude	00.00.08.35 Crew Briefing		
391	FAA Human Performance Assessment Initiatives	CRM/ programme dev/ evaluation	E/96	-	url		http://www.faa.gov/aa/human-factors/resin95/hu-manperf.htm					RPH/Lofthorke	Open WWW	FAA Welcome page	Submenu from FAA HF main menu/welcome page dealing with initiatives on research into assessment of human performance.		
416	Flight performance measurement utilizing a figure of merit form	CRM/ programme dev/ evaluation+	E/93	Dev	text		Proceedings of the 7th International Symposium on Aviation Development, Vol 6								Idea of "windows of opportunity" for testing may apply to		
402	Getting test items to measure knowledge at the level of	CRM/ programme dev/ evaluation+	E/91	Dev	text		Proceedings of the 6th International Symposium on Aviation Development, Vol 6								Looks at licensing traditions of CAA in UK; Faa in USA and ATD in NZ		
089	HOI-3 Cockpit Resource Management""	CRM/ programme dev/ evaluation context+	IE/93	-	VHS/UMATIC	13 mins	M. Ralli/Alitalia	39(0) 6-65635734	training transfer			M. Ralli/Alitalia	Commercial via M. Ralli/Alitalia	From the series Human Operational Interface" (All HOI series)"	General recap of the homonymous seminar issues emphasizing need to transfer the acquired set of knowledge to line operation. In Italian (Video cartels in English). All HOI Videos come complete with a recap script and instructor guide. They require skilled HF instructor to manage sessions since interruptions and discussions are solicited in		
386	Human factors in general aviation	CRM/ programme dev/ evaluation+	E/93	Dev	text		Human Factors Digest, No.9. Montreal: ICAO. A40-44								Points out the importance of testing that will indicate how pilots really operate: not just on the day of the check. Advocates follow-up training; easily understood resources for instructor; and		
316	Reliable, objective flight checks.	CRM/ programme dev/ evaluation	E/82	ATPL	text		Ames: Iowa State University, Press, 1980							see main entry under The Pilot's Manual of Medical	pp 145-158 of Reinhart, R.O. (1982) -The pilot's manual of medical certification and health maintenance		
430	Self-analysis of LOFT as a strategy for learning CRM in	CRM/ programme dev/ evaluation/ LOFT+	E/93	Dev	text		Proceedings of the 7th International Symposium on Aviation Development, Vol 6								Use of learning tools and learning tasks for self analysis by trainees		
90	Advanced Qualification Programme	CRM/ programme dev/ formal methods/		-	NTSC	13:40	NASA/UT, Capt. Roy Butler	0101-512-480-0036	ACQP				Open		UT Tape 111-8. Note: Dr Tom Longridge (FAA AFS230) warns that this is dated material. See other entries under Regulation/FAA/AOP		
371	Aviation Pilot Training I and II. Task Analyses.	CRM/ programme dev/ formal methods/ task analysis	E/90	Inst	text		Virginia Vocational Curriculum Center, Henrico County Public Schools										
369	Transfer of simulated instrument training to instrument and	CRM/ programme dev/ formal methods/ skill transfer	E/91	Inst	periodical		International journal of aviation psychology. 1, 3. 219-229								Learning rates differ but transfer as effective		

422	Cockpit crises and decision making: implications for pilots/technicians	CRM/ programme dev/ skill transfer+	E/93	Dev	text			Proceedings of the 7th International Symposium on Aviation Development, Canberra, Australian Government Publishing Service, Flight Training October, 30-31, 1991					Pettit, M.A. (1993)					Importance of situational awareness and an "accurate assessment of reality" in pilot training, using simulators
436	The instructional design of simulation systems for skills	CRM/ programme dev/ skill transfer	E/91	Dev	text			Canberra, Australian Government Publishing Service, Flight Training October, 30-31, 1991					Wallace, P.R. (1991)					Details an incremental skill transfer model which was developed and tested. May be a useful basis for the design of computer simulations for use in HF training
399	A good flight lesson	CRM/ programme dev/ trainer+	E/89	Dev	periodical			Canberra, Australian Government Publishing Service, Flight Training October, 30-31, 1991					Gwinn, D. (1989)					Some personal elements of effective flight instruction
433	A training program for airline line instructors.	CRM/ programme dev/ trainer+	E/91	Dev	text			Proceedings of the 6th International Symposium on Aviation Development, Canberra, Australian Government Publishing Service, Flight Training October, 30-31, 1991					Teller, R. and Bent, J. (1991)					Adaptation of lay-out of presenter manual for flight instructor manual: headings of syllabus; visual aids; cues; script/explanation; assessment, etc
94	A-320 CRM LOFT's	CRM/ programme dev/ trainer training+	E/92	-	NTSC	24:4	0101 (612) 727-4880	NATCO USA, Chuck Woods	0101-901-369-3960	delegation, communication			Commercial via NATCO, USA	J. Brown/NW A	Commercial via NATCO, USA. Chuck Woods, price by negotiation	Debrief available CRM # 409 A		Training tape for LOFT facilitators. Shows Instructor administering and A-320 LOFT during which the crew must deal with a sick passenger. Emphasis is placed on different methods of marking the tape for review in the debrief. A second version demonstrates the problems an instructor can create for him/herself by deviating
106	Brian Says, I'm the Captain	CRM/ programme dev/ trainer training+	E/	-	NTSC	12:20	0101-512-480-0036	NASA/UT Crew Performance/Roy Butler	0101-901-369-3960				Fedex/Capt. Steve Harden, 0101-901-369-3245		Proprietary, held by Fedex Flight Training.	Fedex Check Airman vignettes generally.		Research viewing only. Contact Loftwork (+44 (0)1293-783232) for more info., or Fedex Flight Training. Commercial use prohibited.
414	Coaches Guide to Sport Psychology.	CRM/ programme dev/ trainer	E/87	Dev	text			Champaign, IL: Human Kinetics Publishers. Box 5076 Champaign, IL 61824-5076, USA					Martens, R. (1987)					
103	CRM Evaluator Training	CRM/ programme dev/ trainer training+	E/	7	NTSC	30	0101-508-927-9566	N. Komich/US Air Shuttle/ email 102441.1130@comausonia.com		leadership, assertiveness, team development			Airbus Industrie	N. Komich/US Air Shuttle	Via Airbus, or N. Komich			Three depictions of the same scenario in which the captain acts in three different ways (hard-nosed, so-so and great). An excellent teaching tool for both the evaluator and the line pilot
107	CRM 3 - Check Airman Seminar	CRM/ programme dev/ trainer training+	E/	-	NTSC	05:00	0101-901-369-2365	NASA/UT Crew Performance/Roy Butler; tape II-25	0101-901-369-3960	delegation, communication			Fedex/Capt. Steve Harden, 0101-901-369-3245		Proprietary, held by Fedex Flight Training.	Fedex Check Airman vignettes generally.		Research viewing only, commercial use strictly prohibited. Contact Loftwork (+44 (0)1293-783232) for more info, or Fedex Flight Training.
91	Facilitated/Instructed CRM LOFT Debriefs	CRM/ programme dev/ trainer training+	E/94	-	NTSC	20:4	0101 (612) 727-4880	NATCO USA, Chuck Woods (ff)		debrief (techniques)			Commercial via NATCO, USA	J. Brown/NW A	Commercial via NATCO, USA. Chuck Woods, price by negotiation	This is the debrief of the A320 LOFT		LOFT Facilitator demonstrates the difference between facilitative and instructional systems of debriefing a CRM LOFT.
102	FC-1 Basic Knowledge 1 - specific professional skills"	CRM/ programme dev/ trainer training	I/94	-	VHS/UUMA TIC	25 mins.	39(0)6-65635734	M. Ralli/Alitalia and Loftwork	39(0)6-65011596	skill performance			Alitalia CSV-FCO Flight Safety Department	M. Ralli/Alitalia	Commercial via M. Ralli/Alitalia	From the series Check-Airmen Training" for the Human Operator"		Deals with observable crew members behaviours in the domains of Psychomotor Skills, Procedural Expertise, Judging and Deciding Ability. It is aimed to improve the check airmen culture on HF related matters. In Italian. Comes complete with an instructor guide based on the script. Requires a skilled HF instructor to manage sessions and

101	FC-2 Basic Knowledge II - HF Related Risk Awareness""	CRM/ programme dev/ trainer training	I/94	-	VHS/UWA TIC	6 minutes	M. Ralli/Alitalia Loftwork	39 (0)6-65635734	39 (0)6-65011596	Alitalia CSV- FCO Flight Safety Department	M. Ralli/Alitalia	Commercial via M. Ralli/Alitalia	From the series Check-Airmen Training" for the Human	In Italian. Comes complete with and Instructor Guide based on the script. Requires a skilled HF instructor to manage the session and following discussions.	
100	FC-3 Basic Knowledge III - critical point of control and escape	CRM/ programme dev/ trainer training	I/94		VHS/UWA TIC	10 mins.	M. Ralli/Alitalia	39(0) 6-65635734	39(0) 6-65011596	Alitalia CSV- FCO Flight Safety Department	M. Ralli/Alitalia	Commercial via M. Ralli/Alitalia	From the series Check-Airmen Training" for the Human	Emphasizes need of observing and enhancing crew awareness and gives	
099	FC11 Different Evaluation Contexts""	CRM/ programme dev/ trainer training	I/94	-	VHS/UWA TIC	22 mins.	M. Ralli/Alitalia	39(0) 6-65635734	39(0) 6-65011596	Alitalia CSV- FCO Flight Safety Department	M. Ralli/Alitalia	Commercial via M. Ralli/Alitalia		Highlights the specific behavioural outcomes of different evaluation situations (sim. check ride, route check) as referred to the "skill-rule-knowledge" based observable behaviours. In Italian. Comes complete with and Instructor Guide based on the script. Requires a skilled HF Instructor to manage sessions and following	
098	F1-1 How the Mind Works""	CRM/ programme dev/ trainer training	I/85	-	VHS/UWA TIC	9 mins.	M. Ralli/Alitalia	39(0) 6-65635734	39(0) 6-65011596	Alitalia CSV- FCO Flight Safety Dept.	M. Ralli/Alitalia	Commercial via M. Ralli/Alitalia	From the series Flight Instructors Training" for Human	Groups audio-visual material for conducting perceptual experiments during the flight instructors formation training. In Italian (English version can be easily produced on request). Comes complete with Instructor Guide for	
92	Instructed/Facilitated CRM LOFT Briefs	CRM/ programme dev/ trainer training+	E/94	-	NTSC	6:52	NATCO, USA. Chuck Woods (ff)	0101 (612) 727-4880		NATCO, USA.	J. Brown	Commercial via NATCO, USA. Chuck Woods, price by negotiation		LOFT facilitator demonstrates the difference between instructional and facilitative CRN LOFT briefs.	
413	Instructor pilot teaching behaviour and student stress in	CRM/ programme dev/ trainer+	E/81	Dev	periodical		Aviation, space and environmental medicine. 52, 10. 594-7			Krahenbuhl, G.A. et al. (1981)				Importance of acceptance and praise as opposed to criticism	
105	It's Your Decision	CRM/ programme dev/ trainer training	EF/91	8x	NTSC/PA L	19:50	HFG & Loftwork	+44 (0)1293-783232	+44 (0)1273-891019	Transport Canada/J.P. Stewart/Fax 0101-613-000-1201	RPH/Loftwork	Non-proprietary		Covering decision-making for the Comprehensive Aviation Safety Officer course: for regional safety officer training at Transport Canada. PAL copies from Loftwork at cost (£25); or loan to CRM Group	
104	Loft Instructor Training	CRM/ programme dev/ trainer training+	E/	-	NTSC	#####	MASAUT Crew Performance/Roy Butler	0101-512-480-0036	0101-512-480-0234	PanAm		Non-proprietary	See also Crew Performance Good coordination	Access via Capt. Roy Butler, NASA UT. Ref Tape # II-25.	
233	LOFT/LOS Briefing Pointers	CRM/ programme dev/ trainer training+	E/	-	text		W/Cdr. P. Hemsley/RAF Personnel & Training Cmdr., RAF Innsworth	01452-712612		Aer Lingus, refer to Capt. Crios O'Cinneide, Dublin Airport		Proprietary	LOFT debrief		

232	LOFT/LOS Debriefing Skills and Techniques	E/	-	text		W/Cdr. P. Hemsley/RAF Personnel & Training Cmd., RAF Lossiemouth	01452-712612	LOFT debrief		Aer Lingus, refer to Capt. Crios O'Connell, Dublin, Aer Lingus		Proprietary	LOFT debrief	
095	LOS-1 Observing Crew Behaviour" (1)"	I/92	-	VHS/UJMA TIC	39 (0) 6-65635734	M. Ralli	+39 (0) 6-6501596	leadership, LOFT/LOS	M. Ralli/Alitalia	Alitalia CSV-FCO Flight Safety Dept.	Commercial via M. Ralli/Alitalia	From the series LOS for Human Operational Interface	Samples of crew conflict interactions (2-crew MD-11). Used during early facilitator training along with "real" LOS videos. Italian.	
096	LOS-2 Observing Crew Behaviour" (2)"	I/92	-	VHS/UJMA TIC	39(0) 6-65635734	M. Ralli	+39 (0) 6-65011596		M. Ralli/Alitalia	Alitalia CSV-FCO Flight Safety Dept.	Commercial via M. Ralli/Alitalia	From the series LOS for Human Operational Interface	Illustrates the LOS methodology and the expected behaviour on the parts of both crew and facilitator. Available in Italian and English. Used during early facilitators training and as introductory video in the LOS briefings.	
097	LOS-3 Rules of the Game"	IE/93	-	VHS/UJMA TIC	39(0) 6-65635734	M. Ralli/Alitalia	+39 (0) 6-65011596	LOFT/LOS, evaluation	M. Ralli/Alitalia	Alitalia CSV-FCO Flight Safety Dept.	Commercial via M. Ralli/Alitalia	From the series LOS for Human Operational Interface	Illustrates the LOS methodology and the expected behaviour on the parts of both crew and facilitator. Available in Italian and English. Used during early facilitators training and as introductory video in the LOS briefings.	
93	1993 Instructor Seminar DC-10 LOFT	E/92	-	NTSC	(612) 727-4880	NATCO, USA. Chuck Woods		teamwork	J. Brown/NW	Commercial via NATCO, USA. Chuck Woods	Commercial via NATCO, USA. Chuck Woods	Loft scenarios	Crew exhibits textbook CRM skills while dealing with a cabin pressurisation problem, medical emergency, and out of service ILS.	
375	The psychology of flight training.	E/88	Inst	text		Ames: Iowa State University Press.			Telfer, R., and Biggs, J. (1988)				Process of learning; motivation; instructional methods; assessment	
110	Crew/cabin coordination failure	E/	5	NTSC	0101-508-927-9566	N. Komich/USAir Shuttle/ email 102441.1130@compuserve.com		Teamwork; coordination, stress	N. Komich/US Air Shuttle	Commercial via NATCO, USA. Chuck Woods	Contact N. Komich, 55 Middlebury Lane, Beverly, MA 01915-1373, U.S.A.	cabin integration	An excellent example of communication breakdown. It's a short leg with full service. F/A tells cockpit they need more time, cockpit attempts to provide it by slowing up and putting the gear down. F/A hears and figures they are on short final, starts heaving the dinner trays in the	
108	Flight Attendant Briefings	E/	6	NTSC	0101-512-480-0036 (NASA)	NASA/UT, Capt. Roy Butler	0101-512-480-0234	training integration	RPH/Loftw ork	Pan Am, Capt. Roy Butler	Non-proprietary	Dryden F-28	NASA/UT Tapes II-1 to II-8. Vignettes incl. "Sterile Cockpit", "Happy Jack", "Sour Purser".	
356	Integrating human factors into ab-initio training.	E/93	Inst	text		Proceedings of the 22nd IATA technical conference on			Iwase, K. (1993)				Describes the JAL course for incoming FO's, using young captains as instructors. 3 stages: airline operations and HF training: LOFT; crosscountry flights. 7 day course incorporated in	
109	Prontil Sempre (Always be Prepared)	IE/85	-	VHS/UJMA TIC	-36357	M. Ralli/Alitalia and Loftwork	-12213	training integration, EOP	M. Ralli/Alitalia	Alitalia, CSV-FCO, Flight Safety Dept.	Commercial, via Alitalia		Comprehensive review of basic philosophies and practice of required behaviour of cabin assistants in emergency situations	

111	HCI Bibliography	Data/ bibliography	E/94	MAC or DOS	Ohio State	Ohio State	Internet	Human Computer Interaction Literature	Ohio State	author	Open	This is an on-line bibliographic database on human computer interaction. As of March 1994 the resource had grown to more than 9100 entries occupying more than 10MB. It includes entries with title, author, date, pages, publication, keywords... This is an on-line database but not an online service. To use the bibliography you must obtain a copy of the files and use your own software tools (e.g. WAIS, Gopher, Refer) on your system. You can do this via ftp on Internet - login to archive.cis.ohio-state.edu (inet ID 128.148.8.52) as "anonymous" using your Inet account name as password. Obtain the files from *The literature search was based on manual and computer-based searches into the Human Factors literature of the past two decades.*	
329	Progressive Literature Review	Data/ bibliography	E/	8 text	Transport Canada, Capt. Jim King	Transport Canada, contact Capt. Jim King, email: 74103.2067@compuserv	Human factors resources	Human factors resources	Public domain - from Transport Canada				
372	Teacher's Guide to Aviation Education	Data/ bibliography	E/85	Inst	FAA DOT, Washington DC, ED255.382								
001	Human Factors Group CRM Resource database	Data/ bibliography+	E/86	Windows	Loftwork	CRM resource database	+44 (0)1293-783232	CRM resource database	RAeS Human Factors Group and Loftwork Ltd.	RPH/Loftwork	Commercial, from £35 (USD\$50) plus VAT and P&P as applicable, depending on format & software.	Loftwork email: LOFTwork@compuserve.com	Status: Revision 6.11 07/10/97-A ----- WARRANTY: This is a research bibliography. Contents are cited as submitted by contributors. Software is distributed on a non-profit basis and support for proprietary software where supplied is available from the original supplier. The owners of the database content, the Human Factors Group of the Royal Aeronautical Society and Loftwork Ltd., therefore disclaim any and all warranties, express or implied, including fitness for use, merchantability or of any other nature, to the
14	DFW Delta B727 '88	Data/ CVR Transcript	E/88	text	Loftwork		+44 (0)1293-783232		NTSB			See Comment on same accident.	NTSB DCA-86-MA-072. CVR Transcript from Delta accident DFW August 31 1988.
15	Detroit Metro Wayne NW DC-9 '87	Data/ CVR Transcript	E/87	text	Loftwork	SOP	+44 (0)1273891019					See Accident comment for same accident.	16/08/87: All routine until the stall warnings after rotation.
16	Washington Air Florida B737 '82	Data/ CVR Transcript	E/82	8 text	Loftwork ~	Decision making, assertiveness	+44 (0)1273891019	Decision making, assertiveness		RPH		Accident comment for same accident	NTSB DCA 82-AA-011. Crew discussed the wing ice load, the problems with de-ice, and length of time standing, commented on wrong feel during takeoff run well before V1, but took no preventive action. Interactioa if downloading readings

113	IATA Incident Database	Data/ database	E/		data	HFG/Loftwork	+44 (0)1293-783232	Human Error		IATA/Mr. R. Woodhouse, Flt Ops Services, 2000 Peel St., Montreal Canada H3A 2R4	RPH/Loftwork	Commercial, contact Bob Woodhouse 0101-514-844-6311 or Business Simulation, +44(0)1892-	About 2500 reports from IATA member airlines so far entered (of 4,040 available). Catalogued by Human failure type and ATA chapter/topic. Uses Cardbox Plus dbms from Business Simulation Ltd. and allows multiple condition sort/report/extract etc. For most incident types, this provides a far more extensive listing than, e.g., ASRS or CHIRP. Cardbox Plus itself is about £350 single-user
112	IATA Terrain & Obstacle Database	Data/ database	E/		data	IATA/Flt. Ops. Serv.	+1-514-844-6311 x3467	Safety/environment	-8084	IATA/Mr. Mark E. McCanna, Flt Ops Services, 2000 Peel St., Montreal Canada H3A	RPH/Loftwork	Commercial, contact Mr. McCanna, BBS +1-514-844-2149, INET mm@cam.org	Airport and obstacle data for over 1000 airports, incl. Airworthiness Directives Info., MMEL, MMEL draft docs., etc. Supported actively by major carriers and continuously updated. Access via ordinary phone modem. Subscriber cost \$200US/mo IATA members, \$300US/mo non-member airlines. Connection time free, per file download cost of \$2 to \$4 US.
114	DAL DFW FLT 9/11/01 08-02-85	Data/ FDR/ accident/ L101	/92		ASC11	CRM Group & Loftwork	+44 (0)1293-783232	Accident parameter data	+44 (0)127389 1019	CRM Group and Loftwork	RPH/Loftwork		Digital data dump. Used for proof-of-concept for redisplay of accident data on digital debrief system. Public domain data available from
115	MAN-001/EDI-001/...	Data/ FDR/ B767	/991		ASCII	Loftwork	+44 (0)1293-783232		+44 (0)127389 1019		RPH/Loftwork		Proprietary data. Disidentified digital data dump, normal paired turnarounds for various UK airfields. SOP no abnormal parameters
398	Air Transport Association - Airline Net Links	Data/ URL	E/96	-	url	http://www.air-transport.org/net-1.htm				ATA	RPH/Loftwork	Open WWW	
387	FAA Human Factors	Data/ URL	E/96	-	url	http://www/faa.gov/aar/human-factors/welcome.html				FAA	RPH/Loftwork	Open WWW	The main topic and welcome page for FAA HF.
439	FAA Human Factors Research	Data/ URL	E/96	-	url	http://www/faa.gov/aar/human-factors/welcome.html					RPH/Loftwork		
330	FAA National plan: organizational impact/loss	Data/ URL	E/96	-	url	http://www/faa.gov/aar/human-factors/resint95/resint05.htm				FAA	RPH/Loftwork	Open WWW	One of the submenu pages for the FAA National Plan for Human Factors, this one dealing with organisational imperatives for applying research results
456	ICAO Databases gopher text file	Data/ URL	E/96	-	url	http://www.gopher.unep.org:70/00/unearth/organisations/icao/databases				ICAO	RPH/Loftwork	Open WWW	A text listing of databases.
404	NASA General Aviation Web Site	Data/ URL	E/96	-	url	See notes				NASA	RPH/Loftwork	Open WWW	http://www.landings.com/aviation.html
418	NASA Office of Aeronautics: Human Factors	Data/ URL	E/96	-	url	http://olias.arc.nasa.gov/				NASA	RPH/Loftwork	Open WWW	NASA Human Factors Main page. Topic listings and bookmark locations of research programmes. (View artistic page layout if a bit lazier.) -- RPH
441	NASA Organisation	Data/ URL	E/96	-	url	http://www.nasa.gov/v/hqpaon/nasa_subj/ectrace.html					RPH/Loftwork	Open WWW	Directory of sites and topics.
196	Office of Aeronautics: Human factors	Data/ URL	E/96	-	url	http://olias.arc.nasa.gov/groups.html					RPH/Loftwork		
465	Research and Development and Human Factors	Data/ URL	E/96	-	url	http://www.fc.faa.gov/hfl/hfl.mtl				FAA	RPH/Loftwork	Open WWW	FAA R&D Lab project descriptions and bookmarks

435	The NASA Homepage	Data/ URL	E/96	-	url		http://www.nasa.gov					NASA	RPH/Loftwork	Open WWW		Primary web page for NASA, useful links to staff lists/email addresses and locations. Not all locations currently listed (e.g. as of May '96, NASAUT was not shown) 00:00-13:00 Version 1.	
120	DC-9 Right Hydraulic Failure (Revised)	LOFT/scenario	E/92		NTSC	36:35	NATCO, USA, Chuck Woods	0101 (612) 727-4880	Simulator Scenarios			NATCO, USA.		Commercial via NATCO, USA. Chuck Woods, Price by location	LOFT scenarios		
121	Good Communications	LOFT/scenario	E/		NTSC		NASAUT	001-214-904-5200	communications			Southwest Airlines (8TC) - Flight Training Center, 2700 Love Field Drive, Dallas TX 75235	Proprietary	Proprietary	Concepts/understanding/communication	NASAUT holding not reviewed; no formal contact but try Joe Marrott at the Flight Training Centre	
118	High Performance Approach	LOFT/scenario	E/		PAL		Capt. G. Freeman, Britannia	+44 (0)1582-424155	facilitator training, debrief			Britannia	Proprietary	Proprietary	1993 Instructor Seminar (NWA)	Near-perfect approach used to help facilitators recognise and praise strong points in crew performance	
117	Low Performance Approach	LOFT/scenario	E/		PAL	20:00	Loftwork or Capt. G. Freeman, Britannia	+44 (0)1582-424155	facilitator training, debrief			Britannia	RPH/Loftwork	Proprietary	1993 Instructor Seminar (NWA)	Low performance LOFT in which poor communication, delegation and coordination combined with lack of PNF assertiveness result in late realisation of an emergency. *It was distributed as a video to make the Captain later	
116	MAC 249 - What Are Your Intentions	LOFT/scenario	E/7x		NTSC	#####	Loftwork, ISPRA, AerLingus, Bristol	+44 (0)1293-783232	decision making, delegation, comms			USAF, PIN AF 607704, Mr. Surace, JVA, 01-717-895-7439	Proprietary, available to friendly airforces	Proprietary, available to friendly airforces		Describes a MAC flight from McMurdo to New Zealand which has to deal with undefined main gear damage too severe to allow retraction, departure conditions which prevent a 180, and fuel/airspeed/altitude juggling to get to the preferred destination. Example of what USAF	
122	Taxi (Poor Communications) No.1	LOFT/scenario	E/		NTSC		NASAUT	001-214-904-5200	communications			Southwest Airlines (8TC) - Flight Training Center, 2700 Love Field Drive, Dallas TX 75235	Proprietary	Proprietary	Concepts/understanding/communication	NASAUT holding not reviewed; no formal contact but try Joe Marrott at the Flight Training Centre	
123	Taxi (Poor Communications) No. 2	LOFT/scenario	E/		NTSC		NASAUT	001-214-904-5200	communications			Southwest Airlines (8TC) - Flight Training Center, 2700 Love Field Drive, Dallas TX 75235	Proprietary	Proprietary	Concepts/understanding/communication	NASAUT holding not reviewed; no formal contact but try Joe Marrott at the Flight Training Centre	

119	1993 Instructor Seminar B-727	LOFT/ scenario	E/92	-	NTSC	39:4	NATCO, Chuck Woods	0101 (612) 727-4880	Simulator Scenarios		NATCO, USA	J. Brown/NWA	Commercial via NATCO, USA Chuck Woods. Price by negotiation	Brief/debrief of LOFT NATCO CRM # 414 A-E; trainer training	B-727 LOFT. Despite his misgivings about their fuel situation, first officer goes along with crew decisions not to take a delay to load extra fuel and to cruise at FL 230 to avoid turbulence. After and A-system hydraulic failure, thunderstorms force a missed approach. Dispatch suggests diversion to Milwaukee rather than the flight's filed alternate. After declaring and emergency, the crew lands at
144	Aeroformation Scenarios (Flight Safety)	LOFT/ scenario/ example	E/	-	NTSC	23:00	NASA/UT Capt.Roy Butler	0101-512-480-0036 (NASA)		0101-512-480 0234	Flight Safety, Mr. Doug Schwartz, 0101-713-644-1501		Proprietary		UT Tape I-48 Please contact Loftwork (+44 (0)1293-783232) before contacting NASA or Aeroformation.
142	All's Well That Goes Well (A310 vignette)	LOFT/ scenario/ example	E/	-	NTSC	06:04	NASA/UT Crew Performance/Roy Butler, tape 1-23	0101-512-480-0036 (NASA)		0101-512-480-0234	PanAm; Capt.Roy Butler, NASA/UT		Open		PanAm vignette. Non-proprietary, probably available at cost. Please contact Loftwork (+44 (0)1293-783232) before calling NASA to see if local DAL contacts are available
143	Approach - Poor (LOFT Training)	LOFT/ scenario/ example	E/	-	NTSC	04:29	NASA/UT Crew Performance/Roy Butler	0101-512-480-0036 (NASA)	communications	0101-512-480-0234	NASA UT/Southwest		Non-proprietary	Trainer training, other Low-perf examples	Access via Capt. Roy Butler, NASA UT. Ref Tape # I-28.
124	BAe 146 4-engine roll-back at altitude	LOFT/ scenario/ example	E/	7			Harry Holling, Ansett Australia		positive CRM, cabin integration, debrief		Harry Holling, Ansett Australia	unknown			Described as an example of positive CRM behaviours:
139	Bill, Bill No.1 (A310 vignette)	LOFT/ scenario/ example	E/	x	NTSC	06:08	HFG/Loftwork and NASA/UT Crew Performance	0101-512-480-0036 (NASA)		0101-512-480-0234	PanAm; Capt.Roy Butler, NASA/UT	RPH/Loftwork	Open		Vignette showing poor delegation and teamwork. A310 Captain (handling) asks F.O. to deal with 3 or more activities simultaneously during engine out go-around, apparently without noticing FO's feedback effects. Professor's assessment available.
136	Bill, Bill No.2 (A310 vignette)	LOFT/ scenario/ example	E/	6x	NTSC	05:36	Loftwork	+44 (0)293-783232	Resource delegation	0101-512-480-0234	PanAm; Capt.Roy Butler, NASA/UT	RPH/Loftwork	Open		Captain flying progressively delegates Non-proprietary, probably available at cost. Please contact Loftwork (+44 (0)1293-783232) before calling NASA UT tape I-26
135	Bobby's Go-around	LOFT/ scenario/ example	E/	-	NTSC	10:00	NASA/UT Crew Performance/Roy Butler, tape 1-19	0101 (901) 369-2365		0101 (901) 369-3960	Fedex/Capt. Steve Harden, 0101-901-369-2245		Proprietary		Part of the FEDEX Check Airman Seminar. NASA UT Tape ref #I-17.
141	B737 LOFT, Eng.failure	LOFT/ scenario/ example	E/	-	NTSC	22:00	NASA/UT Crew Performance/Roy Butler tape 1-43	0101-512-480-0036 (NASA)		0101-512-480-0234	Continental; Capt. Russell Peck, 0101-713-821-6786		Proprietary	Line Check Airman Vignettes from Continental	Please contact Loftwork (+44 (0)1293-783232) before calling NASA or Continental.
137	Dave's Mtnity (vignette)	LOFT/ scenario/ example	E/	-	NTSC	05:22	NASA/UT Crew Performance/Roy Butler, tape 1-19	0101 (901) 369-2365		0101 (901) 369-3960	Fedex/Capt. Steve Harden, 0101-901-369-2245		Proprietary		Research viewing only. Please contact Loftwork (+44 (0)1293-783232) before calling NASA or Fedex. Fedex Check Airman Seminar video.
125	Flight attendant emergency briefing	LOFT/ scenario/ example	E/	7	NTSC	#####	N. Komich/USAir Shuttle	001-508-927-9566	briefing, training integration, incapacitation		?	N. Komich ?			*Pilot flight attendant debrief of a flight with an incapacitated captain. An excellent description of leadership from a subordinate crewmember.* Contact N. Komich for information on copyright holder and access

130	H-F Scenarios and vignettes	LOFT/ scenario/ example	E/	-	NTSC	various	MASAVUT; Capt.Roy Butler	0101-512-480-0036 (NASA)	CRM topics	0101-512-480-0234	Continental; Capt. Russell Peck, 0101-713-821-6786	Key Richter/Continental Supv. HF +01-713-233-8229	Commercial, \$250 U.S. from Kay Richter; fax +01-713-233-8229	Vignettes ranging in length from 01:02 to 3:38 mins. UT Tape nos. 1 - I to 1- II. Contains 'short vignettes w/cockpit crews in exaggerated enactments of crew situations with CRM emphasis'
479	Keichikan, Alaska 727	LOFT/ scenario/ example	E/76?	-	NTSC	15:00	N. Komich/USAir Shuttle	001-508-927-9566	assertiveness, teamwork		United?	N. Komich	?	The recreation video reportedly contains the following conversation:
227	Line Check Airman Vignettes/Scenarios and vignettes	LOFT/ scenario/ example	E/	-	NTSC	various	Continental/Kay Richter, Supv. H-F.	01-713-233-8229	CRM topics	01-713-233-8229	Continental; Capt. Russell Peck, 0101-713-821-6786	Key Richter/Continental Supv. HF +01-713-233-8229	Commercial, \$250 U.S. from Kay Richter; fax +01-713-233-8229	Contains 'short vignettes w/cockpit crews with emphasis on LOFT/line CRM'
134	No Stuff Dave (B747 vignette)	LOFT/ scenario/ example	E/	-	NTSC	06:04	MASAVUT Crew Performance/Roy Butler; tape 1 - 20	0101-512-480-0036 (NASA)		0101-512-480-0234	PanAm; Capt.Roy Butler, MASAVUT	Open	Open	Non-proprietary, probably available at cost. Please contact Loftwork (+44 (0)1293-783232) before calling NASA to see if local PAL copies are available.
133	NWA DC-9 Hydraulic failure (3 parts)	LOFT/ scenario/ example	E/91	-	NTSC	#####	MASAVUT Capt.Roy Butler; NATCO, NWA	0101-612-727-4880 (NASA)	attitude, assertiveness, decision making		NATCO	J. Brown/NWA	Commercial via NATCO, Chuck Woods, P.O.A.	Simulator scenarios, three versions of problem with different crew behaviours:
140	Pre-departure Brief, Enroute Emergency	LOFT/ scenario/ example	E/	-	NTSC	11:17	MASAVUT Crew Performance	0101-512-480-0036 (NASA)	Briefing, teamwork	0101-512-480-0234	PanAm; Capt.Roy Butler, MASAVUT	Open	Open	NASA/UT Tape Ref #I-21.
131	Predeparture brief, enroute emergency (B727 vignette)	LOFT/ scenario/ example	E/	-	NTSC	11:17	MASAVUT Crew Performance/Roy Butler; tape 1-21	0101-512-480-0036 (NASA)		0101-512-480-0234	PanAm; Capt.Roy Butler, MASAVUT	Open	Open	PanAm vignette. Non-proprietary, probably available at cost. Please contact Loftwork (+44 (0)1293-783232) before calling NASA to see if local PAL copies are available.
132	Rusty Saves the Day (vignette)	LOFT/ scenario/ example	E/	-	NTSC	09:16	MASAVUT Crew Performance/Roy Butler; tape 1-18	0101 (901) 369-2365		0101-901-369-3960	Fedex/Capt. Steve Harden, 0101-901-369-3245	Proprietary	Proprietary	Fedex Check Airman Seminar video. Proprietary. Research viewing only. Please contact Loftwork (+44 (0)1293-783232) before calling NASA or Fedex.
129	Terrible Tom (B727 vignette)	LOFT/ scenario/ example	E/	-	NTSC	11:12	MASAVUT Crew Performance/Roy Butler; tape 1 - 22	0101-512-480-0036 (NASA)		0101-512-480-0234	PanAm; Capt.Roy Butler, MASAVUT	Open	Open	PanAm vignette. Non-proprietary, probably available at cost. Please contact
127	UAL Training - LOFT 2	LOFT/ scenario/ example	E/	-	NTSC		MASAVUT Capt.Roy Butler	0101-512-480-0036 (NASA)		0101-512-480-0234	UAL	Proprietary	Proprietary	UT Tape 1 - 46. Proprietary. Please contact Loftwork (0293-783232) before contacting NASA or UAL.
128	UAL Training - LOFT 1	LOFT/ scenario/ example	E/	-	NTSC		MASAVUT Capt.Roy Butler	0101-512-480-0036 (NASA)		0101-512-480-0234	UAL	Proprietary.	Proprietary.	UT Tape 1 - 45. Please contact Loftwork (+44 (0)1293-783232) before contacting NASA or UAL.
138	747 Vignettes	LOFT/ scenario/ example	E/	-	PAL		British Airways	+44 (0)181 562-5752	CRM topics		British Airways, R. Beale Fl. Ops Training & Dev.	Proprietary	Proprietary	In-house examples, not for external use.
342	Pilots, Personality and Performance	Personality	E/91	Inst	text		New York: Quorum Books.				Delitz, S.R. and Thoms, W.E. (1991)			

170	The People Problem - Parts 1 and 2" - Not on my edition of the	Personality/ attitude/ assertiveness	E/93	7	PAL	L. Benn, London Guildhall University	+44 (0)1582-424155	assertiveness, cockpit gradient	Britannia, Capt. Graham Freeman	L. Benn, London Guildhall Univ.	Contact Britannia: +44 (0)1582-424155	L. Benn (London Guildhall Univ.):
168	Assertiveness With Respect	Personality/ attitude/ assertiveness	E/93	-	NTSC	L. Benn, London Guildhall University	0101 (612) 727-4880	Miscellaneous CRM	NATCO, USA.	J. Brown/NWA	NATCO, USA. Chuck Woods, price by negotiation	First officer expresses concern over an MEL item (2 versions).
395	Becoming a captain - personality development by non-technical	Personality/ attitudes	E/90	Dev	text	L. Benn, London Guildhall University	ICAO Circular No. 4 - Proceedings of the ICAO Human Factors Seminar, London		Droog, A. (1990)			Integration of technical and non-technical training in KLM training school
354	Cockpit resource management: exploring the attitude-performance linkage.	Personality/ attitude	E/86	Inst	text	L. Benn, London Guildhall University	Paper presented to the 4th Symposium on Aviation Psychology, Columbus, Ohio		Helmreich, R.L., Foushee, H.C., Benson, R., and Russini, J.			Attitudes as significant predictors of behavior
378	Failing aviator syndrome: a case history.	Personality/ attitude/ hazardous	E/89	Inst	periodical	L. Benn, London Guildhall University	Aviation, space and environmental medicine. 60,7, 89-91		Voge, V.M. (1989)			Characteristics of HF failure are risk taking, egocentric perfectionism, sociable extroversion
169	Hazardous attitudes	Personality/ attitude/ hazardous	E/	7x	PAL	L. Benn, London Guildhall University	CRM Group & Loftwork: Austin Charles Assocs.	hazardous attitude; personality	Austin Charles Assocs.	Loftwork	Commercial, £695 from Austin Charles	Five hazardous attitudes: Anti authority; impulsive; invincible; macho; defeatist. The video demonstrates, in detail, each of these attitudes and identifies their symptoms so that flight crews will recognise them in themselves and their colleagues and be able to take preventive action..
419	In Pursuit of Excellence, How to Win in Sport and Life Through Mental Training	Personality/ attitude	E/90	Dev	text	L. Benn, London Guildhall University	Champaign, IL: Leisure Press, Dept. 513, Box 5076 Champaign, IL 61825-507		Orlick, T. (1990)			
446	Press-on-itis	Personality/ attitude/	E/	5x	NTSC	L. Benn, London Guildhall University	Transport Canada			Transport Canada		Cases
260	Safety attitudes of a general aviation pilot population.	Personality/ attitude	E/82	PPL	text	L. Benn, London Guildhall University	Aviation, space and environmental medicine. 53, 12, 1227-1229.		Kinaszuk, T., Dodge, R.E., and Mohler, S.R. (1992)			Less than 500 hours a hazard. Key areas are weight and balance, weather, survival preparedness, use of full runway on take off, and use of checklist.
415	The Mental Aspect of Athletics: The Effects of Mind's Influence on	Personality/ attitude	E/87	Dev	text	L. Benn, London Guildhall University	Exit Project, Indiana University at South Bend. ED 290708.		McCullough, D.D. (1987)			

171	The Wrong Stuff	Personality/ attitude/ hazardous	E/86	9x	PAL	50 mins	Cranfield A.P.U. or Cranfield U/Aeronautics/Prof. Ralph Anker	+44 (0)1234-750111 x 4604	automation, attitude, personality, risk	same	BBC Videos for Education and Training, Woodlands, 80 Wood Lane, London W12 0TT, England	RPH/Loftwork	Commercial, purchase for training use from BBC/Gery Crutchley +44 (0)181-576-2541	Pilot personality flaws: UAL flt 173 Portland; BAE Manchester 1985 fire; Scandinavian DC10 N.Y Overshoot reliance on autoflthrottle; automation issues: interviews with Green, Wiener, Lauber. Example LOFT and debrief for CRM skills; also some comment on CRM management implementation. Also on Cranfield CIT tape 106. From BBC £124.55.
482	To Be A Pilot	Personality/ attitude	EF/81		NTSC/PA L/SECAM	29mins	Ariane Information Inc.	001-514-349-0722	Attitude	same	Ariane Info	Ariane Info	ref AIAV013E, phone or email ariane@ariane-info.com. Price USD\$100 NTSC, other formats	Drama aimed at developing a mature safety-consciousness among pilots at all levels of experience, suitable for an introduction on safe attitude when learning to fly
412	Using Mental Imagery to Enhance Athletic Performance	Personality/ attitude	E/91	Dev	periodical		Strategies 5 (2) 5-8. ED223776.				Kenitzer, R.F. and Briddell, W.R. (1991)			
339	Pilot personality and crew coordination: implications for training and selection.	Personality/ evaluating personality	E/91	Inst	periodical		International journal of aviation psychology.				Chidester, T.R., Helmreich, R.L., Gregorich, S.E. and Geis, C.E.			Personality scales indicate attitude change after CRM training)
409	Human factors training for the new joint European (JAA) pilot license	Regulation/ JAA	E/93	Dev	text		Proceedings of the 7th International Symposium on Aviation Psychology, Vol. 1				Johnston, A.N. (1993)			Details the JAA Human Performance and Limitations training syllabus and testing, with comments and criticisms. Used to form composite model.
483	Propstrike	Safety	EF/80		NTSC/PA L/SECAM	17 mins	Ariane Information Inc.	001-514-349-0722	health warning	same	Ariane Info	Ariane Info	ref AIAV013E, phone or email ariane@ariane-info.com. Price USD\$100 NTSC, other formats	Film made from an existing sound slide presentation and updated, warns of dangers of rotating propellers and helicopter rotors. [ed note still one of the most common causes of fatality in aviation.]
172	Time to Stop Again	Safety/ brakes	E/	-	PAL	30 app. mins	Cranfield Univ./R. Anker	01234-750111x4604	brakes, tyres		Dunlop	RPH/Loftwork	Contact R. Anker	Brake operating conditions, cooling schedules, construction, hazards, tyre hazards etc. Cranfield College of Aeronautics lane 29
484	Flying the Mountains	Safety/ environmental	EF/82		NTSC/PA L/SECAM	21mins	Ariane Information Inc.	001-514-349-0722	mountain hazards	same	Ariane Info	Ariane Info	ref AIAV015E, phone or email ariane@ariane-info.com. Price USD\$100 NTSC, other formats	Film made from an existing sound slide presentation and updated, warns of hazards of mountain flying

488	Living with Vortices	Safety/ environmental/ windshear	EF/	NTSC/PA L/SECAM	12 mins	Ariane Information Inc.	001-514-349-0722	wake turbulence	same	Ariane Info	Ariane Info	ref AIAV021E, phone or email ariane@ariane-info.com. Price USD\$100 NTSC, other formats	Wake turbulence explained using computer graphics, recommended procedures for take and landing
481	Up In Smoke	Safety/ environmental	E/70	NTSC/PA L/SECAM	31mins	Ariane Information Inc.	001-514-349-0722	planning forest fire-fighting	same	Ariane Info	Ariane Info	ref AIAV012E, phone or email ariane@ariane-info.com. Price USD\$100 NTSC, other formats	Forest-fire fighting in the mountains of British Columbia has been developed with the precision of a military operation. This film shows the whole pattern of attack, from the time smoke is sighted until the outbreak is under control, involving helicopters, water bombers, chemical-carrying a/c all coordinated with ground forces.
173	Volcanic Ash Avoidance	Safety/ environmental/ volcanic ash	EFS/93	NTSC/PA L	33 mins	ICAO/Cornelia Fischer	0101-514-285-8152	Decision making, stress, planning	0101-514-288-4772	ICAO Montreal, DSU, 1000 Sherbrooke St. W., Montreal H3A 2R2, Canada	RPH/Loftwork	Commercial; NTSC US\$55, PAL \$70 from ICAO Visual Development	ICAO Ref #V703, based on an earlier Boeing video. Impressive aerial footage of eruptions and ash clouds; summary of problem - location of active volcanos near intl. routes (Pacific ring of fire), ash description and unusual characteristics, interview with Capt. Eric Moody (4-engine flameout near Kuala Lumpur) avoidance problems (WX radar transparent), successful use of flight planning by Alaska Airways following Mt. Rainier eruption. Ash cloud avoidance procedures
463	Toxic Smoke and Fumes	Safety/ fire	E/	5 NTSC	14 mins	USAF		cabin fire, toxic smoke		Transport Canada	Transport Canada		Air Canada DC9 cabin fire, 1983.
174	Safe Journey: the Work of the CAA	Safety/ history	E/	PAL	###min	Cranfield University A.P.U./Dr. H. Muir	+44 (0)234750111	History, safety services		UK Civil Aviation Authority	RPH/Loftwork	Non-proprietary, CAA copyright	Overview of CAA activities including various services - some interesting historical accident footage. PR flack, but some useful background information on the CAA role
176	Helicopter Risk Management	Safety/ risk management	EF/91	NTSC/PA L	16:00	Loftwork	+44 (0)1293-783232	Safety culture, organisational safety	+44 (0)1273-891019	Transport Canada Systems Safety	RPH/Loftwork	Non-proprietary, may not be resold commercially	Organisational safety and risk management for rotor wing operators. Available via Walter Peters, Transport Canada Safety Systems.
490	Helicopter Risk Management	Safety/ risk management	EF/90	NTSC/PA L/SECAM	16 mins	Ariane Information Inc.	001-514-349-0722	rotor wing ops.	same	Ariane Info	Ariane Info	ref AIAV026E, phone or email ariane@ariane-info.com. Price USD\$100 NTSC, other formats	A dramatic simulation of the triangular relationship between the customer, helicopter operator and pilot. It shows the different pressures placed on the pilot and how the pilot can unnecessarily become the victim of the other two.
180	HOI-4a Risk Perception	Safety/ risk management	I/93	VHS/UUMA TIC	11:00	M. Ralli/Alitalia	-36357	Resource management, workload	-12207	Alitalia CSV-FCO, Flight Safety Dept.	M. Ralli/Alitalia	Commercial, via Capt. Ralli and Alitalia	Flight safety viewed as adequate perception of the available resources vs. task demands (ratio). *Critical points of control* and *escape procedure* as mental patterns to be acquired in order to cope with operational problems. In Italian, with English subtitles. All HOI Videos come with recap script and instructor guide. They require a skilled HF instructor to manage the session since

175	IATA SAFA Committee video	Safety/ risk management	E/	5	NTSC	20:00 app.	Loftwork	+44 (0)1293-783232	organisational safety	+44 (0)1273-891019	IATA SAFA Cite.	RPH/Loftwork	Non-proprietary, commercial for non-IATA members	Produced by the IATA SAFA committee to introduce management to the risks involved in safety failures, including average cost of accidents, effect on insurance premiums, personal litigation, accident statistics, effect on revenue.
177	Risk of Ground Collision	Safety/ risk management	EF/91	-	NTSC/PAL	15:00	Loftwork	+44 (0)1293-783232	Safety culture, organisational safety	+44 (0)1273-891019	Transport Canada Systems Safety	RPH/Loftwork	Non-proprietary, may not be resold commercially	Organisational aspects of ground collisions, cause factors, discussion. May be obtained through Walter Peters, Transport Canada Systems Safety.
178	Risky Business	Safety/ risk management	EF/91	7	NTSC/PAL	07:00	Loftwork	+44 (0)1293-783232	Safety culture, organisational safety	+44 (0)1273-891019	Transport Canada Systems Safety	RPH/Loftwork	Non-proprietary, may not be resold commercially	Fast-paced intro to human factors in aviation safety, for busy managers, used as a pre-interview mailshot by Canadian Regional Aviation Safety Officers. May be obtained through Walter Peters, Transport Canada Systems Safety.
179	Safety Business	Safety/ risk management	EF/91	7	NTSC/PAL	17:28	Loftwork	+44 (0)1293-783232	Safety culture, organisational safety	+44 (0)1273-891019	Transport Canada Systems Safety	RPH/Loftwork	Non-proprietary, may not be resold commercially	Describes the implementation of a safety programme and the role of the Corporate Aviation Safety Officer at "Avery Air", a typical fictional GA small operator. Useful info on business justification.
181	TWA B727 Bomb	Safety/ security	E/86	-	PAL		Cranfield U/Aeronautics/R. Anker	+44 (0)1234-750111x46	Security				Contact R. Anker @ Cranfield	Cranfield U/Aeronautics Tape 105
182	Hijacking	Safety/ security/ hijacking	E/		PAL		Austin Charles	+44 (0)1428-654044	Hijack		Austin Charles	Austin Charles	Commercial, £995	This video shows a dramatic reconstruction of an inflight hijacking and covers such items as: maintaining self control, why passengers are moved around the cabin, why gash bags should be placed in the toilets, how to react if a hijacker enters into conversation with a crew member or passenger...suitable for both flight and cabin crew.
187	Cabin Fire Safety	Safety/ survivability/ fire	E/	-	PAL		Austin Charles	+44 (0)1428-	Fire		Austin Charles	Austin Charles	Commercial, £495	Austin Charles ref #AV4
183	Evacuation Trials with Water Spray	Safety/ survivability/ fire	E/	3	PAL	15	Cranfield U/A.P.U./Dr. Muir	+44 (0)1234-750111 x 5002	fire, smoke		UK CAA	RPH/Loftwork		Starts with R101 fire footage, then 707 fire research hull used for tests. Documents a study carried out by Cranfield on the effect of waterspray on cabin evacuations following earlier trials on evacuee behaviours and waterspray effectiveness.
184	In the Unlikely Event	Safety/ survivability/ fire	E/81	-	PAL	50 app.	Cranfield U/Aeronautics/R. Anker	+44 (0)1234-750111 x 4604	fire, smoke		BBC	RPH/Loftwork	Contact Cranfield U/Aeronautics, or possibly BBC/Gerry Crutchley as	Cranfield U/Aeronautics Tape 11.
186	In-Flight Fire Fatality	Safety/ survivability/ fire	E/	-	PAL		Austin Charles	+44 (0)1428-	Fire		Austin Charles	Austin Charles	Commercial, £595	Austin Charles ref #AV6
188	Manchester Air Disaster	Safety/ survivability/ fire	E/	-	PAL		Austin Charles	+44 (0)1428-	Fire		Austin Charles	Austin Charles	Commercial, £395	Austin Charles ref #AV1
185	The Burning Issue	Safety/ survivability/ fire	E/87	6	PAL	50	Cranfield U/Aeronautics/R. Anker	+44 (0)181-576-2541	fire, smoke		BBC	BBC	Commercial, £99 from BBC/Gerry Crutchley	In an aircraft fire, the greatest danger is from smoke; a fact that was tragically proven at Manchester Airport in 1985. This video addresses the question of what can be done to reduce the consequences of aircraft fire.

474	Cockpit Leadership and Followership Skills: Theoretical Perspectives and Training	text	97/E	7 printed		LOFTwork		followership, leadership, envisioning, motivation		FAA owns IP rights: Office of the Chief Scientific and Technical Advisor	RPH	preliminary, obtain from Ministry of FLight Safety		
353	Flight simulator training: a meta analysis.	Training technology	E/92	Inst	periodical	Military Psychology, 4, 2, 63-74				Hayes, R. T., Jacobs, J.W., Prince, C, and Sales, E. (1992)			Use of simulators more valuable than aircraft training alone	
318	Simulator cockpit motion and the transfer of flight training.	Training technology	E/82	ATPL	text	Ames: Iowa State University, Press, 1980				Jacobs, R.S., and Roscoe, S.N.		see main entry under The Pilot's Manual of Medical	pp 204-216 of Reinhart, R.O. (1982) - The pilot's manual of medical certification and health maintenance	
189	Cameras for LOFT video	Training technology/ video cameras	E/92	-	PAL	Loftwork	+44 (0)1293-783232	simulator video		Loftwork	RPH/Loftwork	Proprietary	Various CCD camera and lens combinations under sim lighting conditions from black to full dome and panel lighting. Visuals off throughout. CCD cameras, speeds to 1 lux/ED.6 UT Tape II-7	
190	Cameras for Simulators	Training technology/ video cameras	E/92	-	NTSC	Loftwork and NASAUT/Roy Butler	0101 (512) 480-0036 (NASA)	simulator video		Fedex/Capt. Steve Harden	RPH/Loftwork	Proprietary		
425	FAA Virtual Environments Advanced Vision	Training technology/ fidelity and	E/96	-	url	http://www.tc.faa.gov/hfl/vr.html		synthetic vision, VR, visual cueing		FAA	RPH/Loftwork	Open WWW	Research at the Advanced Vision Lab.	
437	Imaging: A Select Bibliography.	Training technology/ device	E/85	Dev	text	ED262440.				Weaver, R.L. and Cottrell, H.W. (1985)				
420	Optical variables as measures of performance during simulated of using real-time Eye scanning for pilot training.	Training technology/ fidelity and cueing	E/92	Dev	text	Proceedings of the Human Factors Society 26th Annual Meeting				Owen, D.H. and Warren, R. (1992)			Quality of flying determined by optical variables and invariants. Relationship between perception and action.	
431	The effectiveness of using real-time Eye scanning for pilot training.	Training technology/ LOFT support facilities	E/92	Dev	text	Proceedings of the Human Factors Society 26th Annual Meeting				Spady, A.A. et al (1992)			Feedback by video improved scan training.	
432	The integration of visual simulation in beginning flight training.	Training technology/ fidelity and cueing	E/93	Dev	text	Proceedings of the 7th International Symposium on Aviation Psychology, Vol 1				Talleur, D.A., Lintern, G., and Ponder, J.R. (1993)			Necessary to have capability of teaching slipped X wind landings and to provide reference to ground	
423	Use of part-task trainers in instrument flight training.	Training technology/ media qualification	E/93	Dev	text	Proceedings of the 7th International Symposium on Aviation Psychology, Vol 1				Phillips, S.I., Hulin, C.L. and Lamermayer, D.L. (1993)			For about 10% cost of conventional ground trainer, gained significantly better results than control group on	
384	Imagery in aviation: pilot training	Training technology?	E/93	Dev	text	Proceedings of the 7th International Symposium on Aviation Psychology, Vol 1				Bennett, A.S. (1993)				

495	Sleep Thieves: An Eye-Opening Exploration into the Science and Mysteries of Sleep	Understanding/ concepts/ fatigue	E/	-	text	304 pages	Financial Post, June 1, 1996, p.30	Sleep, fatigue, sleep debt	Stanley Coren, from Free Press; Andrew Clark for Financial Post Bookstores, from Free Press	Clumsy, stupid, unhappy and dead. That is how we may end up should we insist on cheating sleep." The book covers a history of attitudes to sleep; practical illustrations from sleep deprivation experiments; the cost of sleep debt on various segments of the population including pilots. Non academic, although Coren is a neuropsychologist and includes practical quizzes e.g. "How Large is Your Sleep Debt?"	
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