

Editor's Note: This list is out of date. It is supplied as a convenience, but the contact details should be considered unreliable. We hope to find funding to update the list – if you think that would be a worthwhile project, please email the HFG webmaster (webmgr1@raes-hfg.com) to find out about the Video Interest Group project. – r.heybroek, RAeS HFG committee

Ind ex key	Name	Category	Lang/d ate	Target	Format	Duration	Reference Copy	Phone	Keywords	Fax	Owner	Reviewer	Conditions	Cost	Notes
60	Amsterdam Air Disaster	Accident/ case study	E/95	-	PAL/NTS C		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 7-1/2 minutes after takeoff from Amsterdam's Schipol 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 faced by pilots during a potentially catastrophic emergency situation.*
324	Impact Erebus	Accident/ case study	E/83	ATPL	8kktxt		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. -- RPH]
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 cld be same material	
62	Lockerbie Air Disaster	Accident/ case study	E/	-	PAL/NTS C		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.,	security, bomb, terrorism	*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 learned in order that the mistakes are never repeated.*

61	Manchester Air Disaster	Accident/ case study	E/	-	PAL/NTSC		Austin Charles Ref AV1	+44(0)142 8-656881	emergency procedures		0	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; use of emergency exits.*	
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 astounded by the massive hole in the 747's fuselage	
228	Northwest Flt. 255 - Detroit, MI accident	Accident/ case study	E/	-	NTSC		Kay Richter/Continental		SOP, coordination failure	01-713-233-8229		Continental Flt Ops. Trng, HF Team, 17441 JFK Blvd. Houston TX 77032	Kay Richter/Continental	Commercial, \$350 U.S. from Continental	Detroit Metro Wayne tape cld be same material	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).	
443	Plane Talk on Ice	Accident/ case study	E/		5 NTSC	17 min	Transport Canada					Transport Canada				Icing, mentions Dryden, Air Florida	
229	Portland DC8	Accident/ case study	E/	-	NTSC		Continental/Kay Richter			01-713-233-8229		Continental/Kay Richter		Commercial, \$250 U.S.			

63	Seattle NWA B747 '91 flight 007	Accident/ case study	E/92	-	NTSC	1.03:00	NATCO, Chuck Woods	0101 (612) 727-4880	Simulator Scenarios		NATCO, USA.	J. Brown/NWA	NATCO, USA. Price by negotiation		Simulator reenactment of Northwest Flight 007. B-747 engine fire, emergency landing and evacuation at Seattle on August 22, 1991. (multiple takes). NATCO Ref CRM #301A, 3/19/92.
231	Sioux City UAL DC-10 '89	Accident/ case study	E/	10x	NTSC		Kay Richter/Continental		Delegation, decision making	01-713-233-8229	Continental/Kay Richter		Commercial, \$250 U.S.		Not seen, the usual version is United's.
250	Sioux City UAL DC-10 '89	Accident/ case study	E/90	10x	NTSC	47 (or 35)	United Airlines, Flight Training, Denver -C/LR Coordinator	001-303-780-5238	Delegation, decision making		United Airlines Flight Training Centre	Karlins, Koh, McCully and Chan			Described as "a great CRM Save story" about the crash landing at Sioux City following loss of all hydraulics. Footage shows how CRM skills were used to keep the plan in flight. Includes news footage, interviews with tech crew and flight attendants, cockpit-ground comms. Long version (47 mins.) includes more cabin crew discussion.
492	The Skylink Metro III Flight 070 Crash	Accident/ case study	EF/90		NTSC/PAL/SECAM	13 mins	Ariane Information Inc.	001-514-349-0722		same	Ariane Info	Ariane Info	ref AIAV032E, phone or email ariane@ariane-info.com. Price USD\$100 NTSC, other formats USD\$150		Recreation of the final moments of Skylink flt 070, a Fairchild Metro III that crashed at Terrace Airport in BC on 26/9/89, killing all 7 pax. Deals with the physiological and psychological factors that affected crew and ultimately led to the accident.
253	What the Pilot Didn't Know: LaGuardia USAir Fokker '92	Accident/ case study	E/92	10	NTSC	13	ABC		crew coordination, teamwork, cabin integration		ABC News, Film & Tape Practices, 47 West 66th St. New York 10023-6290	Karlins, Koh, McCully & Chan	Commercial, ABC News 20-20 Productions, 30/10/92	Dryden	Documentary on USAir flight 405 which crashed on take-off on 22/3/92.

066	Dryden L 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		Qantas Airways, Flight Trng Centre, Qantas 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, Qantas HF Manager and recommends for commercial, instrument and airline pilot training. (Brent Hayward may also be reached on the CRM Developers listserve at Embry-Riddle)
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, navoids; accident report: NZ 79/	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 optical/visual theory.
67	M1 Kegworth Air Disaster	Accident/ case study/ Kegworth B.M. B737	E/	#####	PAL		Austin Charles Assocs.	01428- 654044	decision-making, cabin integration	+44 (0)1428- 656881	Austin Charles Assocs.	Austin Charles	Commercial	Understandin g/coordination /example (Britannia)	*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 stick shaker made it look like a malf. Old but still interesting.

3	Chicago Midway United B737 08/12/72	Accident/ comment	/72	-			none known	+44 (0)1293- 783232	Situational awareness, delegation						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 nonprecision approach."
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 emergency services aspects of the accidents.	
255	Flying out of Danger: a Pilot's Guide to Safety.	Accident/ comment	E/	PPL	text		Listed in Transport Canada Progressive Literature Review		accidents		Goldstein, A. ( )				64 NTSB accident reports analysed
10	Kuala Lumpur Seaboard/World A300 '83	Accident/ comment					none known		Ergonomics; eqpt. type variations				See Understanding/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						Delegation; situational awareness					NTSB/AAR 73-14. Duties not allocated properly, "the whole flight crew became preoccupied with a landing gear indicator light bulb." (ICAO H-F Digest 1)	
6	New York JFK DC10 '84	Accident/ comment	/84	-			none known		Runway overrun, excessive reliance on automation.""					Need further data. NTSB/AAR 84-15	
5	Samoa Pago Pago B707 '74	Accident/ comment	/74	-			none known		Visual illusion					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		Delegation, decision making		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		Assertiveness					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		ATC Procedures						Inadequacies in ATC procedures, failure to resolve known terminology problem.	
9	737 'Convertible' crash	Accident/ comment	E/				not seen				Alaska Airlines				Reported by IATA H-F Committee member, Alaska's reconstruction includes discussion with F/O Mimi Tomkins.	
11	Alaska DC-8 '77	Accident/ comment	/77				none known		Alcohol						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		SOP						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		SOP, maintenance					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, N33701, Eagle LAke, Texas September 11, 1991.	

31	Aircrash Detective	Accident/ investigation	E/73	-	PAL	50	Cranfield College of Aeronautics Video Library/Anker	+44 (0)181-576-2541			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 aircrashes such as the BEA Vanguard Flt 706 that came down in Belgium in 1971. Old but remains interesting for increasingly historical reasons.*
30	Aircrash; the Deadly Puzzle (COPA flt 201)	Accident/ investigation	E/94	-	PAL	50	BBC	+44 (0)181-576-2541	Navigation; situation awareness; perception		BBC2 Videos for Education & Training/Panorama (Horizon)	RPH	From BBC, £99.		COPA flt 201 vanished over Darien jungle on way to Kali, 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 site.
291	Airline Safety: A View from the Cockpit.	Accident/ investigation	E/	ATPL	text		Santa Clarita: Aviation Book Co.				Heller, W. ( )				Airline aviation accidents reconstructed with transcripts and official findings
453	Alaska C-130 Hercules '89	Accident/ investigation	E/		5 NTSC	15 min	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/USAir 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 copyright holder and access.
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, Leningra				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)1234-750111 x4604			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/USAir Shuttle/ email 102441.1130@compuserve.com	001-508-927-9566	SOP, coordination failure			N. Komich/USAir Shuttle		CVR Transcript for same. Video Reconstruction from Aeroformation .	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 takeoff roll and subsequent failure to fly sends a clear warning.*	
29	DFW Delta B727 '88	Accident/ investigation	E/88	-	NTSC	15	ICAO		Emergency services coordination					See CVR Transcript., also Alert 3" in Understanding/comms"	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-creation involved. Contrast	
18	DFW Delta 1011	Accident/ investigation	E/		4 NTSC	25:00:00	N. Komich/USAir 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 copyright holder and access.	
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		BBC2 Videos for Education & Training	BBC	Cranfield Univ Tape AV4; from BBC £65.	Kegworth case study/Austin Charles	*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)1234-750111x4604			BBC/Newsnight Broadcast		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/USAir Shuttle/ email 102441.1130@compuserve.com	001-508-927-9566	Situational Awareness, coordination		Continental Airlines	N. Komich/USAir 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. Kennedy Blvd., Houston, TX 77032.	
25	Munich, Icing or Slush	Accident/ investigation	E/58	-	PAL		Cranfield College of Aeronautics Vid.Lib./R.Anker	+44 (0)1234-750111x4604	Safety/environmental		ICAO				Cranfield U/Aeronautics Tape 2	
24	Portland UAL flt 173	Accident/ investigation	E/	-	NTSC	35	N. Komich/USAir Shuttle/ email 102441.1130@compuserve.com	001-508-927-9566	Communication; coordination			N. Komich/USAir 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 works.	
449	Quebec City Falcon 117503 '79	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 U/R. 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 #183	

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 80207	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)1234-750111x4604	Incapacitation; distraction		BBC/Panorama	RPH/Loftwork	Contact Cranfield U.,	Case Study - BEA Papa India 1973	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*, (1973) CAAR 4/73, HMSO London.	
33	Tenerife Dan Air 727 '80	Accident/ investigation	E/80	7x	PAL	30	Cranfield Univ tape 6, R. Anker, Cranfield University	+44 (0)1234-750111x4604	Situational awareness, stress, ATC, substance abuse	+44 (0)181-576-2867	BBC: Gerry Crutchley, BBC Videos for Education & Training. Fax +44 (0)181-576-2916	RPH/Loftwork	Commercial, E99 from BBC, Room A2090, 80 Wood Lane, London W12 0TT. Ph +44 (0)181-576-2541	Cranfield Univ Tape 14		
19	Tenerife KLM & UAL 747s '77	Accident/ investigation	E/77		8 PAL		Aer Lingus/Capt. N. Johnston	010-353-1-214530	Coordination; communication; stress			RPH	Contact N. Johnston/AerLingus	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 analysis videos.	
288	Terror in the skies	Accident/ investigation	E/88	ATPL	text		Secaucas: Citadel Press.				Grayson, D. (1988)				Case studies of airline accidents.	
278	The final call: why airline accidents continue to happen.	Accident/ investigation	E/90	ATPL	text		New York; Parthenon.				Barley, S. (1990)				Analyses of airline accidents.	

271	Unhappy landings: Why Planes Crash.	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	0101 (612) 727-4880	Accident review		NATCO		NATCO, USA. Chuck Woods. Price by negotiation		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	+44 (0)1234-75111x4604	Safety/security		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)1234-750111x4604			BBC		Contact Cranfield U/Aeronautics, R. Anker, or possibly purchase from BBC as elsewhere		Cranfield U/Aeronautics Tape 8	
467	Continental 1713	Accident/ recreation	E/		6 NTSC	14:45	Z-Axis				Z-Axis Corp., 116 Inverness Drive East, Suite 110, Englewood, CO 80112	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	26:50:00	Z-Axis		coordination, SOP		Z-Axis Corp., 116 Inverness Drive East, Suite 110, Englewood, CO 80112	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	54:30:00	Z-Axis		emergency procedures, microburst		Z-Axis Corp., 116 Inverness Drive East, Suite 110, Englewood, CO 80112	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	38:40:00	Z-Axis		emergency procedures, microburst		Z-Axis Corp., 116 Inverness Drive East, Suite 110, Englewood, CO 80112	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	+44 (0)1234-750111x4604			BBC News				Cranfield U/Aeronautics Tape 98	
47	Air Inter A320	Accident/ report	E/92	-	PAL	8	Cranfield College of Aeronautics Vid.Library/R.Anker	+44 (0)1234-750111x4604			Sky News				Cranfield U/Aeronautics Tape AV7	
46	Amsterdam EI Al B747	Accident/ report	E/92	-	PAL	50	Cranfield College of Aeronautics Vid.Library/R.Anker	+44 (0)1234-750111x4604			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.Library/R.Anker	+44 (0)1234-750111x4604			BBCNews				Cranfield U/Aeronautics Tape 97	

44	Erebus NZ DC10 '79	Accident/ report	E/79	-	PAL	50	Cranfield College of Aeronautics Vid.Library/R.Anker	+44 (0)1234-750111x4604	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." (ICAO H-F Digest 1)	
43	Farnborough Buffalo '84	Accident/ report	E/84	-	PAL		Cranfield College of Aeronautics Vid.Library/R.Anker	+44 (0)1234-750111x4604			BBC News			Cranfield U/Aeronautics Tape 3	
42	Japan JAL B747 '85	Accident/ report	E/85	-	PAL	60	Cranfield College of Aeronautics Vid.Library/R.Anker	+44 (0)1234-750111x4604	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 rivetting. Human error - elementary mistake by skilled Boeing engineers several years before. Cranfield U/Aeronautics Tape 134	
41	LA USAir B737 '91	Accident/ report	E/91	-	PAL		Cranfield College of Aeronautics Video Lib/R.Anker	+44 (0)1234-750111x4604			CNN			Cranfield U/Aeronautics Tape AV4	
40	Lauda Air B767	Accident/ report	E/91	-	PAL	5	Cranfield College of Aeronautics Video Lib/R.Anker	+44 (0)1234-750111x4604			CNN			Cranfield U/Aeronautics Tape AV5	
39	Luxembourg '82	Accident/ report	E/82	-	PAL		Cranfield College of Aeronautics Video Lib/R.Anker	+44 (0)1234-750111x4604			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	+44 (0)1234-750111x4604	Safety/fire		Granada:Sylvia Cowling, Head of Film Library	RPH/Loftwork	Commercial	Cranfield Univ Tape 99/100	BEA Airtours flt.KT328 - news coverage incl. survivor interviews. Prof. Frank Taylor on fire hazards. Cranfield U/Aeronautics Tape 133. Tape is labelled correctly but CIT listing is wrong.
37	New York LaGuardia USAir Fokker '92	Accident/ report	E/92	-	PAL	2	Cranfield College of Aeronautics Video Lib/R Anker	+44 (0)1234-750111x4604			Sky News			Cranfield U/Aeronautics Tape AV8. Flight 405	

036 L	Riyadh Saudi Tristar '80	Accident/ report	E/80	#####	PAL		Loftwork	-8160	Stress, CRM, decision-making		Granada, World in Action Production Team, Manchester	RPH/Loftw ork	Syvia Cowling, head of Film Library - see notes	For cabin integration, c.f. NWA's Crew Resource Management.	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	Accident/ report	E/80		PAL		Cranfield College of Aeronautics Video Lib/R.Anker	+44 (0)1234- 750111x46 04			Sky News						
50	Sioux City UAL DC-10 '89	Accident/ report	E/89		8 NTSC	10	N. Komich/USAir Shuttle/ email 102441.1130@com puserve.com	001-508- 927-9566	Delegation, decision making			N. Komich/U SAir Shuttle	Contact N. Komich, 55 Middlebury Lane, Beverly, MA 01915- 1373, U.S. for info.	See Continental Case study	*Q&A with message that CRM helped him survive.*		
252	Sioux City UAL DC-10 '89	Accident/ report	E/90		10 NTSC	3 (excerpt)	NTSB, Hearing tape VAV 011A		Delegation, decision making		NTSB	Carlines, Koh, McCully and Chan	Comercial, USD\$20 from General Microfilms, POB 2360, Wheaton, MD 20915		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	Accident/ report	E/87	-	PAL		Cranfield College of Aeronautics Video Lib/R.Anker	+44 (0)1234- 750111x46 04			BBC News					Cranfield U/Aeronautics Tape 7	
312	Aftermath	Accident/ reports	E/	ATPL	text		Santa Clarita: Aviation Book Company.				Flying Magazine,( )					Cases from in-flight recordings, NTSB reports, and first-hand accounts	

54	China Air 747	Attention/ distraction/ situational awareness	E/		7	NTSC	15	USAir Shuttle/Komich/ email 102441.1130@com puserve.com	0101-508- 927-9566	Situational awareness			N. Komich/U SAir 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 excellent situational awareness tool.	
52	Gatwick Taxiway Incident	Attention/ distraction/ situational awareness	E/			PAL		British Airways/R. Beale -	+44 (0)181 562-5752	Situational awareness			British Airways	BA	Proprietary	Dan Air Tenerife	BA In-house interview with Roger Green
055 L	MCC Course - situational awareness	Attention/ distraction/ situational awareness	E/		7	PAL	5	Loftwork or Air Lingus, Capt. Neil Johnston	010-353-1- 214530	Situational awareness	010-353-1- 7056550		Aer Lingus/Capt. Neil Johnston, Training Dev.Dublin Airport	RPH/Loftw ork	Proprietary, research viewing only	Kuala Lumphur Flying Tigers 66	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'Kinnade
53	Nairobi Game Park Incident	Attention/ distraction/ situational awareness	E/			PAL		British Airways/R. Beale -	+44 (0)181 562-5752	Situational awareness			British Airways	BA	Proprietary	Dan Air Tenerife, China Air	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/Loftw ork	Commercial	New York JFK DC-10 '84	Computerization, refs to Tristar Miami 29/12/72 flt into terrain; Tenerife March 1977 ATC; glass cockpit issues.
57	Check Out 91 Cockpit Computerization	Attention/ ergonomics/ automation	E/91	-		PAL	21	Cranfield College of Aeronautics Video Library	+44 (0)1234- 750111x46 04	automation			ITV		Viewing - Cranfield Cranfield Univ		Cranfield U/Aeronautics Tape AV5
56	The Logical Flight Deck	Attention/ ergonomics/ automation	E/81	-		PAL		Cranfield A.P.U.		automation, ergonomics	0234- 750192		Airbus Industrie	RPH/Loftw ork			Airbus explains evolution of cockpits toward A320.
059 L	HOI-4b Cognitive Biases""	Attitude/ Personality Traits	I/93	-		VHS/UMA TIC		Alitalia	-36357	Attitude and personality	-12207		Alitalia CSV- FCO, Flight Safety Dept.	M. Ralli/Alitali a	Commercial, via Capt. Ralli and Alitalia	From the series Human Operational Interface" (Can be viewed)"	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 and discussions are solicited in the tapes.

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. -- RPH
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/LOFTwork	Commercial, app. GBPE31.50		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 Air Ontario 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 environment of human factor hazards.
472	Black Box - Why Air Safety is no Accident	Concepts	E/96		text/video	186 pp.	RPH/LOFTwork				Channel 4 Boxtree, Nicholas Faith	RPH/LOFTwork	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 familiarisation and recurrent training courses."
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 recommended for all pilots. -- RPH]
71	Crew Coordination	Concepts	E/	-	NTSC	54:00:00	ICAO Montreal				Luftfahrt-Bundesamt				
442	Defensive Flying	Concepts	E/	5	NTSC	1 hr 45 min.	Transport Canada				Machado, D.	Transport Canada			
345	Ergonomics: Special Issue: Aviation Psychology.	Concepts	E/86	Inst	periodical		Ergonomics (1986) 29 (11).								
272	Flight Safety : A Primer for General Aviation Pilots.	Concepts	E/	PPL	text		Santa Clarita: Aviation Book Co.				Wells, A.T. ( )				Comprehensive; includes study guide
242	Flight safety in general aviation.	Concepts	E/87	PPL	text		Oxford: BSP Professional Books.				Campbell, R.D. (1987)				Systematic study of human factors in taxi, take off, cruise and landing.
245	Flying Safely.	Concepts	E/	PPL	text		Santa Clarita:Aviation Book Co.				Collins, R. ( )				Hazards in operations, equipment; accidents analysed
266	General aviation	Concepts	E/88	PPL	text		Chapter 17 in Human factors in aviation				Ritchie, M.L. (1988)				by Wiener, E.L. and Nagel, D.C. Stewart, J. ( )
292	Human Factors Course	Concepts	EF	-	PAL/NTS C	various	Transport Canada				J. Paries at Dedale	Transport Canada	Commercial, Dedale, 4 Place Londres, Continental Square, BP 10767 F-95727, Roissy CDG Cedex, France		*11 tapes, lengths from 12-23 minutes, designed for European ab-initio airline cadet pilots, requires about 70 hours of instruction. Includes Introduction to HF, Physiology, Individual (pilot as intelligent but limited computer; pilot as emotional and motivated machine, human reliability and human error); The Standard Professional Group (decision making, CRM); Attention, Alertness and Work Patterns (technology and automation, pilot acting in a system). A five day instructor course is available on request.* TCan recommends for all pilots and instructors.

476	Human Factors for Aviation - Basic Handbook	Concepts	EF/1996	7	text	196 pp	RPH/LOFTwork		performance limitations, illusions, stress, CRM, attitude		Copyright Transport Canada, authored by the Air Canada HF Project Team	RPH/LOFTwork	Commercial, ISBN 0-660-16655-0	Advanced Handbook, Instructor's Guide	A good general coverage primer similar to Human Factors for Pilots (q.v.) and presumably largely aimed at PPL/CPL candidates. This is unusual in being designed as part of a pack of three handbooks, the other two of which cover more advanced ATPL-style CRM topics and CRM instructor/facilitator training.
281	Human factors for flight deck certification personnel.	Concepts	E/93	ATPL	text		Cambridge: US Dept. of Transportation. DT/FAA/RD-93/5.				Cardosi, K.M. and Huntley, S.M. (1993)				Five day series of lectures on human sensory system, cognition, application to controls and displays
270	Human Factors for general aviation.	Concepts	E/91	PPL	text		Englewood: Jeppesen Sanderson.				Trollip, S.R. and Jensen, R.S. (1991)				Practical, readable, wide coverage, useful reading lists. One of the standard texts for aviation HF.
75	Human Factors for Pilots	Concepts	E/91	7/PPL	text	144 pages	Loftwork, RAeS, various	01252-331551	Crew performance limitations, flight physiology, CRM...	0252-344405	Roger G.Green, Melanie James, Helen Muir et al/Ashgate Publishing	RPH/Loftwork	£.11.95		Good value. A standard text (if not the standard text) for UK CRM courses. General coverage, organisation and content suitable for CAA CRM curriculum and similar JAA MCC programmes.
448	Human Factors in Aircraft Accidents.	Concepts	E/	5	NTSC	22min.	Transport Canada					Transport Canada			Vignettes on HF
327	Human factors in aviation.	Concepts	E/88	ATPL	text		San Diego: Academic Press.				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. -- RPH]
74	Human Factors in Flight (2nd ed.)	Concepts	E/93	8	text	384 pages	HFG/Loftwork	01252-331551		0252-344405	Frank Hawkins/Harry Orlady/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 instructor's guide also available

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	I 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. (1986)				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 technologies.	Concepts	E/84	Dev	text		New York:Basic Books				Perrow, C. (1984)				

76	Path to Safety	Concepts	EFS/67	-	NTSC/PAL	22	ICAO; Cornelia Fischer		Examples of human error		ICAO Montreal, DSU, 1000 Sherbrooke St. W, Montreal H3A 2R2, Canada	ICAO	Commercial; NTSC \$50, PAL \$65, #F492	Performance	*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	40:00:00	ICAO Montreal				Dept of Aviation for the AVIAC cttee					
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		Commercial, ISBN 0-291-39804-9, app. UKP£31.50			
261	Staying focused on safety	Concepts	E/94	PPL	text		Aviation Safety XIV, 6. March 15. pp7-8.				King, J.L. (1994)				CRM for the single pilot operation to combat complacency.	
286	The Aircraft Cabin	Concepts	E/90	ATPL	text		Vermont: Gower.		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 human factor incidents and accidents.	Concepts	E/86	Inst	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	7x	NTSC/PAL	17.28	Loftwork	+44 (0)1293-783232	Stress, decision-making, GA and private ops.		Transport Canada	RPH/Loftwork	Non-proprietary, may not be resold commercially	Risky Business, Safety Business.	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		Simuflite International gathering of authorities				Transport Canada			...Capt. Frank Tully's and Dr Jerry Berlin's presentations are HF related	
279	The naked pilot: the human factor in aircraft accidents.	Concepts	E/91	ATPL	text		London: Methuen.				Beaty, D. (1991)				
244	They Called it pilot error: true stories behind general aviation accidents.	Concepts	E/93	PPL	text		Blue Ridge Summit, PA: TAB Books	General aviation, accident reports			Cohn, R.L. (1993)				
336	Use of human factors checklist in aircraft mishap investigations.	Concepts	E/91	Inst	text						Ciavarelli, A.P. (1991)				
308	Verdict on Erebus.	Concepts	E/84	ATPL	text		Auckland: William Collins.				Mahon, P. (1984)			The legal overview	
72	Why Planes Crash	Concepts	E/	7	NTSC/PAL	58	R. Anker/Cranfield A.P.U.	decision-making, automation, situational awareness	+44 (0)1234-750192	BBC Nova series, with WGBH Educational Foundation, 1987	RPH/Loftwork	Coronet Films and Videos, P.O.B. 2649, Columbus OH 43216	The Wrong Stuff	U.S. PBS video, refs to Air Florida crash 13/01/82 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. Karlines says CRM-related topics include (a) danger of functional fixation, (b) automation complacency, (c) decision-making	
319	The influence of flight experience on midair collision risk perception.	Concepts/attention	E/92	ATPL	periodical		Accident analysis and prevention.24, 6. 655-60				Scuch,H.P. (1992)			5000 hour problem of vigilance	



159	Adjustment to International Life and Work	Concepts/ performance/ stress	E/	-	PAL	50:00:00	ICAO Montreal PER dept.				World Health Organisation				Available through ICAO Personnel Dept.
265	Aeromedicine for Aviators	Concepts/ performance	E/88	PPL	text		Airlife.				Read, K. (1988)				
424	Aeronautical decision making and consistency of crew behaviour: implications for training.	Concepts/ performance	E/93	Dev	text		Proceedings of the 7th International Symposium on AviPersonality/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	+44 (0)181576-2541	fatigue		BBC Horizon		From BBC £99		*For people who provide 24 hour services, staying awake is a
376	Age Learning Factors Affecting Pilot Education.	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 titles.
158	Alcohol, Addiction and Aviation	Concepts/ performance/ stress	E/		NTSC	22:00	ICAO Montreal AVA library		Alcoholism		HIMS -II, Denver, Colorado				
364	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, J. (1991)				Unawareness of impairment after 8 hours

348	Alcohol, aviation and safety revisited: A historical review and a suggestion.	Concepts/ performance/ incapacitation/ alcohol and drugs	E/88	Inst	periodical		Aviation, Space and Environmental Medicine. 59 (7) 657-660.				Gibbons, H.L. (1988)					
458	Alcohol, Aviators and Accidents	Concepts/ performance/ incapacitation/ alcohol and drugs	E/		5 NTSC	22mins.	USArmy					Transport Canada				
359	Autogenic feedback training improves pilot performance during emergency flying conditions.	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.				Dhenim, G., Sharp, G.R., and Ernsting, J. (ed)					See bibliography pp.748-9
247	Aviation medicine.	Concepts/ performance	E/78	PPL	text		London: Tri Med Books.				Dehnm, F., Sharp, G.R. and Ernsty, J. (1978)					
457	Aviation Stress Management	Concepts/ performance/ stress	E/		5 NTSC	30 mins	Transport Canada				Dr Richard Reinhart	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 student pilots	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 performance: a preliminary report.	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. E. (1985)				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. Col				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 as cognitive clusters.
389	Causes of aircrew error in the RAF . Human Behaviour in High Stress Situations in Aerospace Operati	Concepts/ performance	E/89	Dev	text		Ancelly: Advisory Group for Aerospace Research and Development, NATO. AGA				Chappell, S.W. (1989)				Useful treatment of overarousal; life stress and personality; and cognitive failure.Appendix (photocopied) provides over 40 HF classifications in three categories
302	Circadian rhythm, sleep and fatigue in aircrews operating on long haul routes.	Concepts/ performance/ fatigue	E/89	ATPL	text		Aldershot: Gower Technical.	0252-331551		0252-344405	Samel, A., and Wegman, H.M.	From Avebury Press, app £37.50	see main entry under Aviation Psychology		pp 404-419. of Jensen,RS. (Ed) (1989). Aviation Psychology
298	Cognitive demands of automation in aviation	Concepts/ performance/ workload	E/89	ATPL	text		Aldershot: Gower Technical.	0252-331551		0252-344405	Tsang, P.S. and Vidulich,M.A.	From Avebury Press, app £37.50	see main entry under Aviation Psychology		pp 66-95 of Jensen,RS. (Ed) (1989). Aviation Psychology

392	Coping with pilot stress: resting at home compared with resting away from home.	Concepts/ performance/ stress	E/87	Dev	periodical		Aviation, space and environmental medicine. 58, 12.1175-1182.			Cooper, C.L., and Sloan, S.J. (1987)				The difference between rest and relaxation	
273	Deadly visual illusions.	Concepts/ performance/ perception	E/93	PPL	text		Aviation Safety XII,21. November 1. 1-6..			Waldock,W. (1993)				Illustrations of misperceptions	
166	Don't Blame the Pilot	Concepts/ performance/ stress/ organisational	E/93		PAL	25:00:00	Cranfield College of Aeronautics Vid.Lib./Ralph Anker	+44 (0)1234-750111x4604		ITV/Cook Report		Contact Cranfield U/Aeronautics, or possibly personal purchase from ITV		Cranfield U/Aeronautics Tape AV II	
309	Drinking and flying: the problem of alcohol abuse by pilots.	Concepts/ performance/ incapacitation/ alcohol and drugs	E/90	ATPL	periodical		New england journal of medicine. 323, 7. 455-61.			Modell, J.G., and Mountz, J.M. (1990)				Effects, surveys of pilots, regulations and testing	
332	Ergonomics in Aviation	Concepts/ performance/ equipment/ ergonomics	E/86	Inst	periodical		Applied Ergonomics: Special issue: (1986), 17 (4)								
148	Fall from Grace	Concepts/ performance/ cognition	E/87		PAL	30 mins		+44 (0)181576-2541		BBC Horizon		Commercial via BBC £65		"We all make mistakes now and again, but what would happen if we suffered the same kind of lapse when flying a jumbo jet? QED investigates the the pattern of human error and and the reasons why things go wrong.*"	
240	Fit to fly - a medical handbook for pilots.	Concepts/ performance	E/88	PPL	text		Oxford: BSP Professional Books. Second edition.		Aviation medecine	BALPA Medical Study Group.(1988)				Covers physical fitness, diet, sleep, physiology, tropical medicine, first aid and basic aviation psychology.*	

361	Flight anxiety of civilian student pilots.	Concepts/ performance/ stress	E/91	Inst	text		Proceedings of the 6th International Symposium on Aviation Psychology. Col				Lindseth, P.D. and Lindseth, G.N. (1991)				Instructor checklist for student symptoms of flight anxiety and in-flight indicators
447	Flight Plan to a Dead End	Concepts/ performance/ incapacitation/ alcohol and drugs	E/	5	NTSC	17 min.	Transport Canada					Transport Canada			US (Marijuana use)
310	Flightdeck performance - the human factor.	Concepts/ performance	E/90	ATPL	text		Ames: Iowa State University Press.				O'Hare, D., and Roscoe, S. (1990)				In five parts, covers the senses, training and design, performance factors and the system approach
357	Flying and danger, joy and fear	Concepts/ performance	E/86	Inst	periodical		Aviation, space and environmental medicine. 57, 2. 131-6				Jones, D.R. (1986)				Motivation versus fear of flying. Interesting case reports
464	Flying the Mountains.	Concepts/ performance/ perception/ illusion	E/	5	NTSC	20 mins	Transport Canada					Transport Canada			Includes illusions
257	Getting High	Concepts/ performance/ incapacitation	E/90	PPL	text		Flight Training, 2, 5. May. pp 21-23.		anoxia		Gwinn, D.(1990)				How oxygen deprivation can impair pilot performance, and recognition of symptom. A special message for smokers.
157	HOI-2 Human Error: The Bottom-Up Behaviour".	Concepts/ performance/ perception	1992			14 mins					Alitalia, CSV-FCO, Flight Safety Dept.			From the series Human Operational Interface" (Can be viewed"	In Italian. All HOI videos come complete with script recap and instructor guide. They require a skilled HF instructor to manage sessions since interruptions and discussions are solicited in the videos. Dealing with errors directly derived from behaviours based on inadequate perception of reality, with reference to pilots' activity

080L	HOI Basic Cognitive Processes""	Concepts/ performance/ cognition	E/91	-	VHS/UMATIC	20 mins.	M. Ralli/Alitalia		Introduction to Cognitive basis of behaviour.	39(0) 6-65011596	Alitalia, CSV-FCO Flight Safety Dept.	M. Ralli/Alitalia	Via M. Ralli/Alitalia	Series Human Operational Interface". All HOI videos may be viewed individually or in sequence.)"	Available in Italian and English. All HOI tapes come complete with recap script and instructor guide. Skilled HF instructor required to manage the session, since interruptions and discussions are solicited in the videos.	
264	Human factors - targeting pilot anxiety	Concepts/ performance/ stress	E/91	PPL	text		Flight Training, April, 22-25.				Phillips, R. (1991)				Remedies before and during flight.	
428	Human Factors in aviation maintenance.	Concepts/ performance/ equipment	E/91	Dev	fiche		Microform. Washington: US Department of Transportation, FAA, Office of Avia				Shepherd, W.T.(1991)				3 microfiches, with bibliography pp12-13	
287	Human factors worth considering when starting CRM training.	Concepts/ performance	E/90	ATPL	text		Flight Safety Digest, 9, 7. July. 56-60.				Fahlgren, G. (1990)	RPH/LOFT work			Excellent analogy of aircraft systems - hydraulic, electrical, fuel, computer and maintenance- as parallels of the human systems. Also a good description of the SAS CRM program on pp61-9	
301	Human performance aspects of aircraft accidents.	Concepts/ performance	E/89	ATPL	text		Aldershot: Gower Technical.	0252-331551		0252-344405	Diehl,A.H.		From Avebury Press, app £37.50	see main entry under Aviation Psychology	pp 378-403 of Jensen,RS. (Ed) (1989). Aviation Psychology	
153	Hypoxia	Concepts/ performance/ incapacitation	E/		NTSC	35:00:00	NASA/UT, Capt.Roy Butler, UT Tape 111 - 2	0101-512-480-0036 (NASA)	hypoxia, incapacitation	0101-512-480-0234	Lockheed		Contact NASA/UT	See Papa India case study	NASA/UT Tape ref #III-2.	
263	Hypoxia - An insidious killer	Concepts/ performance/ incapacitation	E/93	PPL	text		Aviation Safety.XIII, 15. 4-7		anoxia		Patiky, M. (1993)				Oxygen deprivation	
147	If Looks Could Kill	Concepts/ performance	E/		PAL ((incl. CDI)		UK General Aviation Mfg and Traders Assoc; British Airways.	+44 (0)171 637-7288 (VA)	Power of Behaviour	+44 (0)1844-238020 (GAMTA	Video Arts Production		Proprietary via GAMTA		General introduction to human factors issues, stress, communication,	

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 (1980)					pp8-14 on coping with illusions in flight.
289	International aircrew sleep and wakefulness after multiple time zone flights: a cooperative study.	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 accidents: a perspective.	Concepts/ performance/ stress/ lifestyle	E/80	Inst	periodical		Aviation, space and environmental medicine. 51, 9. 981-988				Haakonsen, N.H. (1980)					Recommends means of identifying and remediating life stress problems in pilots
167	Investigation of Memory	Concepts/ performance/ workload/ memory	E/		PAL		Cranfield Coll.of Aeronautics Video Lib./Ralph Anker	+44 (0)1234-750111x4604					Contact Cranfield U/Aeronautics			Cranfield U/Aeronautics Tape 29
460	Man and Safety: Physiological Limitations	Concepts/ performance	E/		5 NTSC	53 mins	USAF					Transport Canada				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	34:00:00	NASA/UT, Capt.Roy Butler	0101-512-480-0036 (NASA)	Stress, stress management	0101-512-480-0234	McGraw Hill Publishing		Contact NASA/UT or McGraw Hill		Proprietary. Please call Loftwork (+44 (0)1293-783232) for info before contacting
262	Medication and flying - A pilot's guide.	Concepts/ performance	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.				Dr K Money.	Transport Canada			
258	Night Flying	Concepts/ performance	E/	PPL	text		Santa Clarita : Aviation Book Co.		fitness		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 Advisory Group (PAG).	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. -- RPH]
162	One Thank You a Week	Concepts/ performance/ stress	E/		4 PAL	35:00 app.	Cranfield A.P.U.	+44 (0)1234-750111 x4604	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)1234-750111x4604					See also Visual Illusion.		Cranfield U/Aeronautics Tape 29: possibly duplicate of "Seeing Beyond the Obvious"?

251	Pilot - mental and physical performance.	Concepts/ performance	E90	PPL	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 pp211-216.
282	Pilot fatigue- a deadly cover up.	Concepts/ performance/ fatigue	E/82	ATPL	text		Smithtown: Exposition Press.				Chapman, R.P. (1982)			
396	Pilot workload during an instrument approach.	Concepts/ performance/ workload	E/80	Dev	text		IEEE Transactions on Systems, Man and Cybernetics. 10, 10. 676-8.				Ephrath, A.R. (1980)			Increase in workload with decrease in touchdown distance
427	Pilots' attitudes towards alcohol use and flying.	Concepts/ performance/ incapacitation/ alcohol and drugs	E/88	Dev	periodical		Aviation, space and environmental medicine.59, 10.913-19.				Ross, L and S. (1988)			Possible boxed summary as illustration or stimulus in manual
161 L	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 U/Aeronautics or possibly BBC	Post-traumatic stress, PTS, chronic stress	Cranfield U/Aeronautics Tape 138
410	Post accident/incident counseling: some exploratory findings.	Concepts/ performance/ stress	E/88	Dev	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	ATPL	text		Ames: Iowa State University, Press, 1980				Roscoe, S.N. and North, R.A.		see main entry under The Pilot's Manual of Medical Certification	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 pilot incapacitation	Concepts/ performance/ incapacitation	E/93	Dev	text		Proceedings of the 7th International Symposium on Aviation Psychology. Co				Blumkin, D.B. (1993)			5 case studies

160 L	Safety by Stress Management	Concepts/ performance/ stress	E/		5 PAL	70	Loftwork	+44 (0)1293- 783232	Stress, workload, performance	+44 (0)293 783232	Swissair Flight Safety	RPH/Loftw ork	Commercial	The Invisible HUD	Stress, defined, Yerkes-Dawson, Personality and, Family and, Company and; refers to BAC111 Barrilloce 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 coverage.	
248	See and avoid.	Concepts/ performance/ perception	E/88	PPL	text		Oklahoma: Times Journal.				Delacerda, F.D. (1988)				The roles of vision, obstructions, communication, traffic patterns, scan and conflict avoidance in preventing collisions.	
078 L	Seeing Beyond the Obvious	Concepts/ performance/ perception/ illusion	E/		5 PAL	46:00:00	Loftwork or Cranfield A.P.U.	+44 (0)1293- 783232	visual illusion		NASA/Ames Imaging Technology Branch, Moffett Field, California.	RPH/Loftw ork	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/NTS C	53:00:00	Air UK/D. Stephen		visual illusion		DND Canada, Flight Safety Directorate (DFS 3-2), G.R. Pearkes	D. Stephen/Ai r UK	Contact Capt. Stephen or DND Canada	See also Impact Erebus""	Includes explanations of allenobaric vertigo, vestibular system somatogravic illusion, whiteout, black hole, elevator illusion, flicker vertigo, coriolis, 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 transport. Use with permission of DND.	
283	Spatial disorientation and dysfunction of orientation/equilib rium reflexes	Concepts/ performance/ perception	E/92	ATPL	periodical		Aviation, space and environmental medicine.63, 10. 914-18.		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	25:00:00	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.* Comes with support documentation.	
350	Stress and accidents	Concepts/ performance/ stress	E/85	Inst	periodical		Aviation, space and environmental medicine.56, 7. 638 41				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/Loftw ork	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 discounts.	
334	Stress in aviation personnel.	Concepts/ performance/ stress	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 mistakes.	

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 2 days, £150; 7 days, £195.	
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 readable and informative key source for all pilots.	
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 certification and health maintenance.	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 dispute.	Concepts/ performance/ stress	E/88	Dev	periodical	Aviation, space and environmental medicine.59,6.505-109				Girodo, M.(1988)				Identification of pilots at risk	
340	The sources of stress on the wives of commercial airline pilots.	Concepts/ performance/ stress/ lifestyle	E/85	Inst	periodical	Aviation, space and environmental medicine. 56, 4. 317-21				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. (1989)				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 Psychology. 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 processing load. - Human Behaviour	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/ organisational	E/	*	NTSC	25:00 app.	USAir Shuttle/N. Komich		Stress		N. Komich/USAir 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		+44 (0)141-330-5674	Glasgow Interactive Systems Centre, Media Services, Glasg.			Flight deck ergonomics, advanced flight deck, glass cockpit	Demonstrates a variety of techniques for assessing usability at the	
455	Visual Illusions	Concepts/ performance/ perception/ illusion	E/		5 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				Roscoe, S.N.			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 examination of their interactions.	Concepts/ performance/ workload	E/87	Inst	text		Moffett Field: NASA Ames/ Springfield: National Technical Information Servi				Donchin, E., Hart, S.g., and Hartzell, E.J. (1987)						
368	Pilots' perception of risks and hazards in general aviation.	Concepts/ personality/ altitude	E/90	Inst	periodical		Aviation, space and environmental medicine. 61, 7. 599-603				O'Hare, D. (1990)					Age and notions of invulnerability	
487	Plane Talk on Ice	Concepts/ resources	EF/93		NTSC/PAL/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 USD\$150	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/PAL/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 USD\$150		A dynamic review, using case studies, on how to prevent accidents at airports. Shows the daily problems of pilots, ATC, flight service specialists and vevhicle operators.		

485	When in doubt: Aircraft critical surface contamination training	Concepts/ resources	EF/94		NTSC/PAL/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 USD\$150	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/PAL/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 USD\$150	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 training												See Performance		
225	[ ]	Concepts/ understanding/ misleading displays												See Kuala Lumpur Seeboard World accident comment		
226	[ ]	Concepts/ understanding/ misleading manuals														
366	A method of studying errors in flight crew communication.	Concepts/ understanding/ communication	E/89	Inst	periodical		Perceptual and motor skills. 69, 3. 719-22.				Navarro, C. (1989)				Two dimensional taxonomy trialled in licensing test	

440	A skill-based approach to training aeronautical decision-making.	Concepts/ understanding/ decision making	E/93	Dev	text		in R.Telfer (ed) Aviation Instruction and Training. Aldershot: Ashgate.				Wiggins, M., and O'Hare, D. (1993)				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		DOT/FAA/PM - 86/41. Washington, D.C.: FAA				Diehl, A.E., Hwoschinsky, P.V., Lawton, R.S. and Livack, G.S. (eds) (1987)				
192	Air Traffic Under Control	Concepts/ understanding/ communications / resources	E/	-	PAL	15:00 app.	Cranfield U/Aeronautics/R. Anker	+44-(0)1234-750111 x 4604	ATC		UK CAA (ATC)		Apply to UK CAA	See also "Struggling for Control"	
466	Alert 3: Crash of UAL Flight 232	Concepts/ understanding/ teamwork	E/	-	PAL		Cranfield U. Applied Psychology, Dr. H. Muir		Sioux City: training integration, cabin crew			RPH/Loftwork		UA version - see accident investigation	A dramatised version of Sioux City, some actual news footage of landing". "
267	Avoiding Common Pilot Errors	Concepts/ understanding/ resources	E/	PPL	text		Santa Clarita: Aviation Book Co.		controlled airspace errors		Santa Clarita: Aviation Book Co.				Controlled airspace errors
203	Bad and Good Briefings	Concepts/ understanding/ concepts/ coordination/ briefing	E/	#####	NTSC	4.35	NATCO, USA. Chuck Woods	0101 (612)727-4880	briefing, debriefing		NATCO, USA	J. Brown/NWA	Commercial via NATCO, USA. Chuck Woods, price by negotiation	See also NWA tape CRM #302 A	Bad briefing is the same as "4 minute join up (negative) from tape CRM # 302 A
83	Better Communications for Better Safety	Concepts/ understanding/ communication	E/	-	NTSC		NASA/UT, Capt. Roy Butler	0101 (512) 480-0234	communication		United Air Lines				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 001-303-780-5238

197	Better Communications for Better Safety	Concepts/ understanding/ communications / example	E/	-	NTSC	32:00:00	NASA/UT Crew Performance/Roy Butler; tape 1-18	0101 (512) 480-0036 (NASA)	communications		United Airlines		Proprietary		For UAL info 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.
326	Beyond the sterile cockpit	Concepts/ understanding	E/85	ATPL	periodical		Human Factors. 27, 1. 75-90				Wiener, E.L. (1985)				Need for an active human role in the control loop
217	Bobby's Briefing - Non-interactive	Concepts/ understanding/ coordination/ briefing/ example	E/	-	NTSC	06:00	Loftwork or NASA/UT Crew Performance/Roy Butler	+44 (0)1293-783232	Briefing, attitude, team building		Fedex/Capt. Steve Harden, 0101 901-369-2365	RPH/Loftwork	Proprietary, held by Fedex Flight Training.	Capt Queeg, Fedex Check Airman vignettes generally	Fedex Check Airman #3 seminar video. Flight deck example of intimidation leading to unapproved SOP deviations.
218	Caine Mutiny Revisited	Concepts/ understanding/ coordination/ teamwork	E/	5	NTSC	30:00 app	N. Komich/USAir Shuttle/ email 102441.1130@compuserve.com	0101-508-927-9566	Teamwork; stress		N. Komich/USAir Shuttle	Contact N. Komich, 55 Middlebury Lane, Beverly, MA 01915-1373, U.S.A.	Hazardous attitude	Home made shortened version of the Caine Mutiny 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/ example	E/	#####	NTSC	02:23	Loftwork or NASA/UT	+44 (0)1293-783232	briefing, assertiveness, team building	0101 (901) 369-3960	Fedex/Capt. Steve Harden; 0101 901-369-2365	RPH/Loftwork	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 / resources	E/80	-	PAL	28:00:00	Cranfield U/A.P.U./Dr. Muir	+44- (0)1234-750111 x 4604	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. 1-6.				Waldock, W. (1994)				Examples of miscommunication.
204	CRM LOFT- Brief/Debrief with 2 Facilitators	Concepts/ understanding/ concepts/ coordination/ briefing	E/94	*	NTSC	15:17	NATCO, USA. Chuck Woods	0101 (612) 727-4880	Briefing, debriefing, trainer training		NATCO, USA	J. Brown/NWA	Commercial via NATCO, USA. Chuck Woods, price by negotiation		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 /resources	E/	-	PAL	25:00 app.	Cranfield U/Aeronautics/R. Anker	+44- (0)1234- 750111 x 4604	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	28:00:00	Video Arts	+44 (0)171 637-7288	Decision making		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 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' awareness of value of CRM programmes.	
403	Design and evaluation of instrument approach procedure charts.	Concepts/ understanding	E/93	Dev	text		Proceedings of the International Symposium on Aviation Psychology. 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	54:00:00	NASA/UT 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 NASA/UT.	
216	Dr. R. Gennett, Team Building, Presentation Tape 1	Concepts/ understanding/ coordination/ teamwork	E/	-	NTSC	01:51:00	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 at NASA/UT.	
346 L	Dyads and triads at 35,000 feet: factors affecting group process and aircrew performance.	Concepts/ understanding/ coordination	E/84	Inst	periodical		American Psychologist.39, 8. 885-93.				Foushee, H.C. (1984)				Importance of group norms, member effort and coordination, and changing group composition	

321	Emergency: Crises in the Cockpit.	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				cognitive fitness, disaster incubation		Doug Edwards	Australian Flying (Sept/Oct 1997)	CopyRight Publishing Company, GPO Box 2927, Brisbane 4001 Australia (USD\$39.50)		Review from Australian Flying September/October 1997	
208	Flight Assymetry 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	0101 (901) 369-3960	Fedex/Capt. Steve Harden; 0101 901-369-2365		Proprietary		NASA UT Tape ref #1-15. Research viewing only. Contact Fedex Flight Training, or	
220	Flixborough Disaster	Concepts/ understanding/ decision making/ disaster	E/75	-	PAL	30:00:00	BBC	+44 (0)181 576-2541	decision making, disaster incubation, accident chain		BBC	BBC	Commercial, E65 from BBC	BBC Environment listings for Chernobyl, Piper Alpha	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	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 # 1-40. For Southwest info possible contact might be Joe MARott, 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	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 # 1-37. For Southwest info possible contact might be Joe Marott, 214-904-5200	

211	HOU-DAL (A) Low Performance	Concepts/ understanding/ coordination/ example	E/	-	NTSC	35:05:00	NASA/UT Crew Performance/Roy Butler	0101-512- 480-0036 (NASA)	communications, delegation, briefing	0101-512- 480-0234	NASA UT/Southwes t		Non-proprietary	Britannia Kegworth-like	Access via Capt. Roy Butler, NASA UT. Ref Tape # I-31. For Southwest possible contact would be Joe Marott, Flight Training Center, 214- 904-5200
212	HOU-DAL (B) Standard Performance	Concepts/ understanding/ coordination/ example	E/	-	NTSC	35:00:00	NASA/UT Crew Performance/Roy Butler	0101-512- 480-0036 (NASA)	communications, delegation, briefing	0101-512- 480-0234	NASA UT/Southwes t		Non-proprietary	Britannia High Performance	Access via Capt. Roy Butler, NASA UT. Ref Tape # I-30. Possible Southwest contact would be Joe Marott, Flight Training Center, 214-904- 5200
213	HOU-DAL (C) High Performance	Concepts/ understanding/ coordination/ example	E/	-	NTSC	35:36:00	NASA/UT Crew Performance/Roy Butler	0101-512- 480-0036 (NASA)	communications, delegation, briefing	0101-512- 480-0234	NASA UT/Southwes t		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
294	Human factors in aviation, Vol. 48, No. 7, September.	Concepts/ understanding	E/93	ATPL	periodical		ICAO Journal, vol 48, No. 7 (Spetember 1993)				ICAO Journal, (1993)				Includes CRM, multi-crew training, glass cockpit, decision-making.
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 2R2; app. \$4		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. A29-34.				Kankowitz, B.H. (1993)				Advocates use of mental models and "frames", with case studies amd incident reports. Implications for manuals.
284	Human Factors of Flight-Deck Checklists: the Normal Checklist.	Concepts/ understanding/ coordination	E/90	ATPL	text		NASA Report NCC2-377.				Degani,A., and Wiener, E. (1990)				Useful section on factors influencing checklist incidents, pp38-43

313	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 Certification	pp 48-61 of Reinhart, R.O. (1982) -The pilot's manual of medical certification and health maintenance	
236 L	It's Not Easy	Concepts/ understanding/ communications / resources	E/92	-	PAL		ScotRail Training and Loftwork	+44 (0)1293-783232	PAX handling, cabin staff (railways)	as phone	ScotRail Training Centre Rotherglen	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 LOE.	
209 L	Laid Back Briefing	Concepts/ understanding/ coordination/ briefing/ example	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 901-369-2365		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 Appl				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 negotiation	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 failure checklist.	Concepts/ understanding	E/93	Dev	text		Proceedings of the 7th International Symposium on Aviation Psychology. Vol				White, G. (1993)				On pp983-984 are examples of a checklist which could be adapted for HF	

201 L	MCC Course - Communications	Concepts/ understanding/ communication/ resources	E/93		7	PAL	5:00 app	Loftwork or Air Lingus, Capt. Neil Johnston	010-353-1- 214530	communications	010-353-1- 7056550	Aer Lingus/Capt. Neil Johnston, Training Dev.Dublin Airport	RPH/Loftw ork	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 L	MCC Course - Decision Making	Concepts/ understanding/ decision making	E/		7	PAL	5	Loftwork or Air Lingus, Capt. Neil Johnston	010-353-1- 214530	Decision making	010-353-1- 7056550	Aer Lingus/Capt. Neil Johnston, Training Dev.Dublin Airport	RPH/Loftw ork	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'Kinnaide	
219 L	MCC Course - Teamwork	Concepts/ understanding/ coordination/ teamwork	E/		7	PAL	5	Loftwork or Air Lingus, Capt. Neil Johnston	010-353-1- 214530	teamwork	010-353-1- 7056550	Aer Lingus/Capt. Neil Johnston, Training Dev.Dublin Airport	RPH/Loftw ork	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'Kinnaide	
466	Night of a Thousand Heros	Concepts/ understanding/ teamwork	E/	-		PAL		Cranfield U. Applied Psychology, Dr. H. Muir		Sioux City: training integration, cabin crew			RPH/Loftw ork		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	EFS/7 9	-		NTSC/PAL	23:00	ICAO; Cornelia Fischer		Decision making		ICAO Montreal, DSU, 1000 Sherbrooke St. W, Montreal H3A 2R2, Canada	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		NATCO, USA	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.* (TCan Prog Lit Review)	
299	Pilot decision making and judgment.	Concepts/ understanding/ decision making	E/89	ATPL	text		Aldershot: Gower Technical.	0252-331551		0252-344405	Telfer, R.		From Avebury Press, app £37.50	see main entry under Aviation Psychology	pp 154-175 of Jensen,RS. (Ed) (1989). Aviation Psychology	
408	Pilot judgment, training and evaluation.	Concepts/ understanding/ decision making	E/82	Dev	periodical		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	periodical		Aviation, space and environmental medicine.56, 2. 149-52				Stone, R. B., Babcock, G.L., and Edmunds, W.W. (1985)				Reports are used to demonstrate airborne decision making and time pressure involved	
234	Police! Stop! L (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, Piper Alpha	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/ example	E/	-	NTSC	06:50	NASA/UT Crew 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 # 1-38. For Southwest info possible contact might be Joe MARott, Flight Training Center, 214-904-5200	

491	Pressure from Above	Concepts/ understanding	EF/		NTSC/PAL/SECAM	17 mins	Ariane Information Inc.	001-514-349-0722	operational stress	same	Ariane Info	Ariane Info	ref AIAV027E, phone or email ariane@ariane-info.com. Price USD\$100 NTSC, other formats USD\$150	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/ briefing	E/	-	NTSC	19:36	ICAO Montreal AVA library		RTO							
400	Relationship between mental models and scanning behavior during instrument approaches.	Concepts/ understanding	E/91	Dev	text		Proceedings of the 6th International Symposium on Aviation Psychology. Col				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 defined		NATCO, USA.	J. Brown/NWA	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)	27:00:00	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 position; invite others to help; negotiate as equals.*	
195	Struggling for Control	Concepts/ understanding/ communications / resources	E/88	-	PAL	50:00:00	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 U/Aeronautics/R. Anker	+44- (0)1234- 750111 x 4604	cabin staff, history		BBC2			Training integration	Cranfield U/Aeronautics 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 # I-32. For Southwest info possible contact might be Joe Marott, 214-904-5200	
367	The 'artful' decision maker: a framework model for aeronautical decision making.	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 process	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 ab-initio training.	Concepts/ understanding/ coordination	E/91	Inst	text		Proceedings of the 6th International Symposium on Aviation Psychology. Vol.				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: Politeness and Accidents in Aviation Discourse	Concepts/ understanding/ communication	E/88	Inst	periodical		Language in Society 7 (3) 375-399. EJ380203				Linde, C. (1988)					
235	The Titfield Thunderbolt	Concepts/ understanding/ coordination/ teamwork	E/		3 PAL		Loftwork	+44 (0)1293-783232	teamwork, empowerment	as phone	BBC	RPH/Loftwork	Proprietary	Team building background	Old (40s) film about a village whose inhabitants achieve the impossible, including liberating an ancient steam locomotive from the local museum. Useful example of empowerment in action.	
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	RPH/Loftwork	Proprietary, or research viewing		UT Tape ref #I-13. Flight deck video example of distraction, poor delegation. Research viewing only, contact Loftwork (+44 (0)1293-783232 for further info, or apply to Fedex Flight Training.	
333	Why pilots err and what we can do about it	Concepts/ understanding	E/91	Inst	periodical		Forensic reports.4.4. 391-416				Besco, R.E. (1991)				Checklist of factors to reduce pilot error	

480	1-Alpha	Concepts/ understanding/ resources	EF/50		NTSC/PAL/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 USD\$150		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 Biegelski, C.		From Avebury Press, app £37.50	see main entry under Aviation Psychology	pp 176-209 of Jensen,RS. (Ed) (1989). Aviation Psychology	
296	Training of operational personnel in human factors.	CRM	E/91	ATPL	text		Montreal: ICAO Circular #227.				ICAO (1991)					
295	Flight crew training: cockpit resource management (CRM) and line oriented flight training (LOFT).	CRM+	E/89	ATPL	text		Montreal: ICAO Circular #217.		LOFT		ICAO (1989)					
337	Proceedings of the 6th International Symposium on Aviation Psychology. Columbus	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 recurrent frequency+	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 handbook.	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 United Kingdom experience.	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 haul flight operations.	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 Handbook.	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 training program.	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. 229-242				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 Psy				Telfer, R. (1994)				

355	Instructor and Check Pilot Training	CRM/ programme dev	E/87	Inst	text		IATA				IATA, (1987) Instructor and Check Pilot Training.				Nine airlines describe their training methods	
317	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.			see main entry under The Pilot's Manual of Medical Certification	pp 173-181 of Reinhart, R.O. (1982) -The pilot's manual of medical certification and health maintenance	
373	Aviation instruction and training.	CRM/ programme dev+	E/93	Inst	text		Aldershot: Ashgate.				Telfer, R. (1993)				Sections on HF training by Bent, Somerville and Mellor (Cathay Pacific); Wilkinson (Qantas); Maurino (ICAO) and Johnstone (Aer Lingus) plus others on instructional effectiveness and assessment	
85	Aviation Psychology Symposium April 1993	CRM/ programme dev+	E/93	-	NTSC		ICAO Montreal								CRM Workshop titled "CRM Programme Development: Defining the State of the Art".	
363	Definition of Alaskan Aviation Training requirements. Final Report.	CRM/ programme dev+	E/82	Inst	text		American Airlines Training Corporation. Dallas/Fort Worth, TX. ED223776.				Mitchell, M.K. at al. (1982)					
405	Examines design of HF training	CRM/ programme dev+	E/93	Dev	periodical						ICAO Journal (1993) Human Factors in Aviation					
401	Human Factors and CRM Workshop Report - in Towards 2000 - Future Directions and New Solutions. Pr	CRM/ programme dev+	E/93	Dev	text		Provides workshop recommendations for design of HF for ab initio students.				Helmreich, R., and Alston, N. (1993)					

407	Human factors training seminar/workshop - an overview.	CRM/ programme dev+	E/93	Dev	text		Proceedings of the 6th International Symposium on Aviation Psychology. Colu				Johnston, N. (1991)				Deals with major problems: training techniques, materials, integration into ground and flying syllabi. Suggests value of simulations, scenarios, videos, case studies, role plays; training for rapid situational evaluation; developing mental models; testing
362	College Level Aviation Curriculum Development	CRM/ programme dev/ curriculum	E/90	Inst	text		Grand valley State University. ED319943				Mattson, B (1990)				
380	Demonstration Aids for Aviation Education.	CRM/ programme dev/ curriculum/ resources	E/	Inst	text		FAA DOT. Washington, DC. ED249048.				Williams, D. and Hickson, C.				
352	A tool for evaluating student-pilot performance during instrument flight training.	CRM/ programme dev/ evaluation+	E/93	Inst	text		Proceedings of the 7th International Symposium on Aviation Psychology. Vol				Hampton, S., Moroney, W.F., Kirton, T., and Biers, D.W. (1993)				Provides a performance evaluation form designed to use with FAA flight test standards for , plus examples of US Navy, USAF and ERAU evaluation forms
434	An adaptive private pilot certification exam.	CRM/ programme dev/ evaluation	E/82	Dev	periodical		Aviation, space and environmental medicine. 53, 10. 992-5				Trollip, S.R. and Anderson, R.I. (1982)				May have application to testing
87	Crew Observable Behaviours (UAL Flt.723)	CRM/ programme dev/ evaluation/ behaviour	E/	-	NTSC	40:00:00	NASA/UT Capt. Roy Butler	0101-512-480-0036	behaviours	0101-512-480-0234	United Air Lines		Proprietary		NASA/UT tape I-44. Please contact Loftwork (+44 (0)1293-783232) before contacting NASA or UAL The phone numbers given here are for NASA/UT Capt. Roy Butler who originally referenced the tapes. You may be able to get current background and sourcing info. from Bill Hamman, UAL LOFT specialist, at 001-303-780-5238..
88	Crew Observable Behaviours	CRM/ programme dev/ evaluation/ behaviour	E/	-	NTSC	01:15:00	N. Komich/USAir Shuttle	0101-508-927-9566	behaviours		Dr. Bob Gennett	N. Komich/USAir Shuttle	Contact N. Komich/AALPA		*Dr. Gennett is an excellent speaker with a good delivery of a good message. Though a little dry and technical at the beginning, this tape is very well received by line pilots.*

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		NATCO, USA	J. Brown/NWA	Commercial via NATCO, USA. Chuck Woods, price by negotiation	Personality/attitude	00.00-08.35 Crew Briefing	
391	FAA Human Performance Assessment Initiatives	CRM/ programme dev/ evaluation	E/96	-	url		<a href="http://www.faa.gov/aar/human-factors/resint95/hum-perf/hpamenu.htm">http://www.faa.gov/aar/human-factors/resint95/hum-perf/hpamenu.htm</a>				FAA	RPH/Loftwork	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 Psychology. Vol				Mosier, K.L. and Zacharias, G.L. (1993)				Idea of "windows of opportunity" for testing may apply to	
402	Getting test items to measure knowledge at the level of complexity which licensing authorities desire	CRM/ programme dev/ evaluation+	E/91	Dev	text		Proceedings of the 6th International Symposium on Aviation Psychology. Col				Hunt, G.F. (1991)				Looks at licensing traditions of CAA in UK; Faa in USA and ATD in NZ	
089L	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	39(0) 6-65011596	Alitalia, CSV-FCO, Flight Safety Dept.	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 the videos.	
386	Human factors in general aviation	CRM/ programme dev/ evaluation+	E/93	Dev	text		Human Factors Digest. No.9. Montreal: ICAO. A40-44				Campbell, R.D. (1993)				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 inclusion in all initial instructor courses and refreshers	

316	Reliable, objective flight checks.	CRM/ programme dev/ evaluation	E/82	ATPL	text		Ames: Iowa State University, Press, 1980				Roscoe, S.N. and Childs, J.M.		see main entry under The Pilot's Manual of Medical Certification	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 undergraduate flight training	CRM/ programme dev/ evaluation/ LOFT+	E/93	Dev	text		Proceedings of the 7th International Symposium on Aviation Psychology. Vol				Smith, G.M. (1993)			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	AQP	0101-512-480-0234	FAA	Open		UT Tape 111-8. Note: Dr Tom Longridge (FAA AFS230) warns that this is dated material. See other entries under Regulation/FAA/AQP.	
377	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, Glen				Upchurch, R (1990)				
369	Transfer of simulated instrument training to instrument and contact flight.	CRM/ programme dev/ formal methods/ skill transfer	E/91	Inst	periodical		International journal of aviation psychology. 1, 3. 219-229				Pfeiffer, M.G., Horey, J.D., and Butrimas, S.K. (1991)			Learning rates differ but transfer as effective	
422	Cockpit crises and decision making: implications for pilot training	CRM/ programme dev/ skill transfer+	E/93	Dev	text		Proceedings of the 7th International Symposium on Aviation Psychology. Vo				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 training in the Australian defence force.	CRM/ programme dev/ skill transfer	E/91	Dev	text		Canberra: Australian Government Publishing Service.				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		Flight Training October, 30-31.				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 Psychology. Col				Telfer, 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	NATCO USA, Chuck Woods	0101 (612) 727-4880	Simulator Scenarios		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 for the LOFT script.
106	Brian Says, I'm the Captain	CRM/ programme dev/ trainer training+	E/	-	NTSC	12:20	NASA/UT Crew Performance/Roy Butler	0101-512- 480-0036	delegation, communication	0101-901- 369-3960	Fedex/Capt. Steve Harden, 0101 901-369- 2365		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. 618-5076 ED				Martens, R (1987)				

103	CRM Evaluator Training	CRM/ programme dev/ trainer training+	E/		7	NTSC	30	N. Komich/USAir Shuttle/ email 102441.1130@compuserve.com	0101-508-927-9566	leadership, assertiveness, team development		Airbus Industrie	N. Komich/USAir 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	1:05:00	NASA/UT Crew Performance/Roy Butler; tape II-25	0101-901-369-2365	delegation, communication	0101-901-369-3960	Fedex/Capt. Steve Harden, 0101-901-369-2365		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	NATCO, USA. Chuck Woods (ff)	0101 (612) 727-4880	debrief (techniques)		NATCO, USA.	J. Brown/NWA	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 I - specific professional skills""	CRM/ programme dev/ trainer training	I/94	-		VHS/UMATIC	25 mins.	M. Ralli/Alitalia and Loftwork	39(0)6-65635734	skill performance	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 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 following discussions
101	FC-2 Basic Knowledge II - HF Related Risk Awareness""	CRM/ programme dev/ trainer training	I/94	-		VHS/UMATIC	6 minutes	M. Ralli/Alitalia and 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 Operator."	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 procedure"	CRM/ programme dev/ trainer training	I/94			VHS/UMATIC	10 mins.	M. Ralli/Alitalia	39(0) 6-65635734	situational awareness and decision-making	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 Operator."	Emphasizes need of observing and enhancing crew awareness and gives

099 L	FC11 Different Evaluation Contexts""	CRM/ programme dev/ trainer training	I/94	-	VHS/UMATIC	22 mins.	M. Ralli/Alitalia	39(0) 6-65635734	trainer training, behaviour markers	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 discussions.	
098 L	FI-1 How the Mind Works""	CRM/ programme dev/ trainer training	I/85	-	VHS/UMATIC	9 mins.	M. Ralli/Alitalia	39(0) 6-65635734	perception	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 Operators"	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 conducting experiments and managing the following discussions of results.	
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	briefing (technique)		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 flight training.	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 L	It's Your Decision	CRM/ programme dev/ trainer training	EF/91	8x	NTSC/PAL	19:50	HFG & Loftwork	+44 (0)1293-783232	decision-making, risk management, attitude		Transport Canada/J.P. Stewart/Fax 0101-613-990-1301	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 members.	
104	Loft Instructor Training	CRM/ programme dev/ trainer training+	E/	-	NTSC	40:00:00	NASA/UT Crew Performance/Roy Butler	0101-512-480-0036		0101-512-480-0234	PanAm		Non-proprietary	See also Crew Performance - Good coordination (Britannia).	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 Cmd., RAF Innsworth	01452-712612	LOFT debrief		Aer Lingus, refer to Capt. Crios O'Connaide, Dublin Airport		Proprietary	LOFT debrief		
232	LOFT/LOS Debriefing Skills and Techniques	CRM/ programme dev/ trainer training+	E/	-	text		W/Cdr. P. Hemsley/RAF Personnel & Training Cmd., RAF Innsworth	01452-712612	LOFT debrief		Aer Lingus, refer to Capt. Crios O'Connaide, Dublin Apt.		Proprietary	LOFT debrief		
095 L	LOS-1 Observing Crew Behaviour" (1)"	CRM/ programme dev/ trainer training+	I/92	-	VHS/UMATIC	34:00:00	M. Ralli	39 (0) 6-65635734	leadership, LOFT/LOS	+39 (0) 6-65011596	Alitalia CSV-FCO Flight Safety Dept.	M. Ralli/Alitalia	Commercial via M. Ralli/Alitalia	From the series LOS for Human Operational Interface Programme""	Samples of crew conflict interactions (2-crew MD-11). Used during early facilitator training along with "real" LOS videos. Italian.	
096 L	LOS-2 Observing Crew Behaviour" (2)"	CRM/ Programme dev/ trainer training+	I/92	-	VHS/UMATIC	9 mins.	M. Ralli	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 LOS for Human Operational Interface Programme""	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 L	LOS-3 Rules of the Game""	CRM/ Programme dev/ trainer training	IE/93	-	VHS/UMATIC	9 mins.	M. Ralli/Alitalia	39(0) 6-65635734	LOFT/LOS, evaluation	+39 (0) 6-65011596	Alitalia CSV-FCO Flight Safety Dept.	M. Ralli/Alitalia	Commercial via M. Ralli/Alitalia	From the series LOS for Human Operational Interface Programme""	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	CRM/ programme dev/ trainer training	E/92	-	NTSC	24	NATCO, USA. Chuck Woods	(612) 727-4880	teamwork		Commercial via NATCO, USA	J. Brown/NWA	Commercial via NATCO, USA. Chuck Woods, price by negotiation	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.	CRM/ programme/ dev/ trainer	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	CRM/ training integration/ cabin crew	E/	5	NTSC	10	N. Komich/USAir Shuttle/ email 102441.1130@compuserve.com	0101-508-927-9566	Teamwork; coordination, stress			N. Komich/USAir Shuttle	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 lav. It's good.*	
108	Flight Attendant Briefings	CRM/ training integration/ cabin crew	E/	6	NTSC	various	NASA/UT, Capt. Roy Butler	0101-512-480-0036 (NASA)	training integration	0101-512-480-0234	Pan Am, Capt. Roy Butler	RPH/Loftwork	Non-proprietary	Dryden F-28	NASA/UT Tapes II-1 to II-8. Vignettes incl. *Sterile Cockpit*, *Happy Jack*, *Sour Purser*. Non proprietary.	
356	Integrating human factors into ab-initio training.	CRM/ training integration+	E/93	Inst	text		Proceedings of the 22nd IATA technical conference on human factors. Montre				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 composite model	
109	Pronti Sempre (Always be Prepared)	CRM/ training integration/ cabin crew	IE/85	-	VHS/UMATIC	26	M. Ralli/Alitalia and Loftwork	-36357	training integration, EOP	-12213	Alitalia, CSV-FCO, Flight Safety Dept.	M. Ralli/Alitalia	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	Internet	Human Computer Interaction Literature		Ohio State		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 directory *pub/hcibib*.	

329 L	Progressive Literature Review	Data/ bibliography	E/		8 text	app. 32 pages	Transport Canada, Capt. Jim King		Human factors resources		Transport Canada: contact Capt. Jim King, email: 74103.2067@compuserve.com	author	Public domain - from Transport Canada		*The literature search was based on manual and computer-based searches into the Human Factors literature of the past two decades.*	
372	Teacher's Guide to Aviation Education Resources. (1985)	Data/ bibliography	E/85	Inst	text		FAA DOT.Washington DC ED255382									
001 L	Human Factors Group CRM Resource database	Data/ bibliography+	E/96	-	Windows	490 records	Loftwork	+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 maximum extent permitted by law.	
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	+44 (0)1293-783232	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 -	+44 (0)1293-783232	Decision making, assertiveness	+44 (0)1273891019		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. Interesting if depressing reading.
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)1892-863105		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. McCanna, Flt Ops. Services, 2000 Peel St., Montreal Canada H3A 2R4		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, \$300USD/mo non-member airlines. Connection time free, per file download cost of \$2 to \$4 US.
114	DAL DFW FLT 191 LI011 08-02-85	Data/ FDR/ accident/ LI011	/92		ASC11	40kb typ.	CRM Group & Loftwork	+44 (0)1293-783232	Accident parameter data		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 Loftwork at cost.
115	MAN-001/EDI-001/...	Data/ FDR/ B767	/991		ASCII	40kb typ.	Loftwork	+44 (0)1293-783232							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		<a href="http://www.air-transport.org/net-1.htm">http://www.air-transport.org/net-1.htm</a>				ATA	RPH/loftwork	Open WWW		
387	FAA Human Factors	Data/ URL	E/96	-	url		<a href="http://www.faa.gov/aar/human-factors/welcome.htm">http://www.faa.gov/aar/human-factors/welcome.htm</a>				FAA	RPH/Loftwork	Open WWW		The main topic and welcome page for FAA HF.

439	FAA Human Factors Research Application Projects	Data/ URL	E/96	-	url		<a href="http://www.faa.gov/aar/human-factors/welcome.htm">http://www.faa.gov/aar/human-factors/welcome.htm</a>								
330	FAA National plan: organizational imperatives	Data/ URL	E/96	-	url		<a href="http://www.faa.gov/aar/human-factors/resint95/resint95.htm">http://www.faa.gov/aar/human-factors/resint95/resint95.htm</a>			FAA	RPH/Loftwork	Open WWW		One of the submenu pages from 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		<a href="gopher://gopher.unip.org:70/00/unearth/organisations/icao/databases">gopher://gopher.unip.org:70/00/unearth/organisations/icao/databases</a>			ICAO	RPH/Loftwork	Open WWW	FAA Human Factors, NASA Office of Aeronautics	A text listing of databases.	
404	NASA General Aviation Web Site	Data/ URL	E/96	-	url		See notes			NASA	RPH/Loftwork	Open WWW		<a href="http://www.landings.com/aviation.html">http://www.landings.com/aviation.html</a>	
418	NASA Office of Aeronautics: Human Factors	Data/ URL	E/96	-	url		<a href="http://olias.arc.nasa.gov/">http://olias.arc.nasa.gov/</a>			NASA	RPH/Loftwork	Open WWW		NASA Human Factors Main page. Topic listings and bookmark locations of research programmes. (Very artistic page layout if a bit large.) -- RPH	
441	NASA Organisation	Data/ URL	E/96	-	url		<a href="http://www.nasa.gov/hqpao/nasa_subjectpage.html">http://www.nasa.gov/hqpao/nasa_subjectpage.html</a>				RPH/Loftwork	Open WWW		Directory of sites and topics.	
196	Office of Aeronautics: Human factors Research Programmes	Data/ URL	E/96	-	url		<a href="http://olias.arc.nasa.gov/groups.html">http://olias.arc.nasa.gov/groups.html</a>								
465	Research Development and Human Factors Lab Information Page	Data/ URL	E/96	-	url		<a href="http://www.tc.faa.gov/hfl/hfl.mtl">http://www.tc.faa.gov/hfl/hfl.mtl</a>			FAA	RPH/Loftwork	Open WWW		FAA R&D Lab project descriptions and bookmarks	
435	The NASA Homepage	Data/ URL	E/96	-	url		<a href="http://www.nasa.gov/">http://www.nasa.gov/</a>			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, NASA/UT was not shown).	

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 negotiation	LOFT scenarios	00.00-13.00 Version 1.	
121	Good Communications	LOFT/ scenario	E/		NTSC		NASA/UT	001-214-904-5200	communications		Southwest Airlines (8TC) - Flight Training Center, 2700 Love Field Drive, Dallas TX 75235		Proprietary	Concepts/understanding/communication	NASA/UT holding not reviewed; no formal contact but try Joe Marott 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	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 disturbingly easy to make" said the Captain later.	
116	MAC 249 - What Are Your Intentions	LOFT/ scenario	E/	7x	NTSC	45:00:00	Loftwork, ISPRA, AerLingus, Bristow	+44 (0)1293-783232	decision making, delegation, comms	+44 (0)1293-783232	USAF, PIN Af 607704, Mr. Surace, JVIA, 01-717-895-7439	RPH/Loftwork	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 MAC considers excellent CRM skills in practice.	

122	Taxi (Poor Communications) No.1	LOFT/ scenario	E/		NTSC		NASA/UT	001-214-904-5200	communications		Southwest Airlines (8TC) - Flight Training Center, 2700 Love Field Drive, Dallas TX 75235		Proprietary	Concepts/understanding/communication	NASA/UT holding not reviewed; no formal contact but try Joe Marott at the Flight Training Centre
123	Taxi (Poor Communications) No. 2	LOFT/ scenario	E/		NTSC		NASA/UT	001-214-904-5200	communications		Southwest Airlines (8TC) - Flight Training Center, 2700 Love Field Drive, Dallas TX 75235		Proprietary	Concepts/understanding/communication	NASA/UT holding not reviewed; no formal contact but try Joe Marott 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 an emergency, the crew lands at Milwaukee. Ref NWA #0045
144	Aeroformation Scenarios (Flight Safety)	LOFT/ scenario/ example	EF/	-	NTSC	23:00	NASA/UT Capt.Roy Butler	0101-512-480-0036 (NASA)		0101-512-480 0234	Flight Safety, Mr. Doug Schwartz, 0101-713-644-1521		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 PAL copies 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 # 1-28.
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	cabin integration, MAC249	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	Also features in NWA #0044	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 frantic efforts. Reference copy is poor quality.
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 1-26
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 901-369-2365		Proprietary		Part of the FEDEX Check Airman Seminar. NASA UT Tape ref #-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 cld. be same material	Please contact Loftwork (+44 (0)1293-783232) before calling NASA or Continental.
137	Dave's Mutiny (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 901-369-2365		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	25:00:00	N. Komich/USAir Shuttle	001-508-927-9566	briefing, training integration, incapacitation		?	N. Komich	?	Papa India case study	*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	NASA/UT; Capt.Roy Butler	0101-512-480-0036 (NASA)	CRM topics	0101-512-480-0234	Continental; Capt. Russell Peck, 0101-713-821-6786	Kay Richter/Continental Supv. HF	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	Ketchikan, Alaska 727	LOFT/ scenario/ example	E/76?		7	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.		CRM topics	01-713-233-8229	Continental; Capt. Russell Peck, 0101-713-821-6786	Kay Richter/Continental Supv. HF	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	NASA/UT Crew Performance/Roy Butler; tape 1 - 20	0101-512-480-0036 (NASA)		0101-512-480-0234	PanAm; Capt.Roy Butler, NASA/UT		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	36:35:00	NASA/UT Capt.Roy Butler; NATCO, NWA (ff)	0101-612-727-4880	attitude, asseretiveness, decision making		NATCO	J. Brown/NWA	Commercial via NATCO, Chuck Woods, P.O.A.	Personality/attitude	Simulator scenarios, three versions of problem with different crew behaviours:	
140	Pre-departure Brief, Enroute Emergency	LOFT/ scenario/ example	E/	-		NTSC	11:17	NASA/UT Crew Performance	0101-512-480-0036 (NASA)	Briefing, teamwork	0101-512-480-0234	PanAm; Capt.Roy Butler, NASA/UT		Open		NASA/UT Tape Ref #I-21.	
131	Predeparture brief, enroute emergency (B727 vignette)	LOFT/ scenario/ example	E/	-		NTSC	11:17	NASA/UT Crew Performance/Roy Butler; tape 1-21	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 PAL copies are available.	

132	Rusty Saves the Day (vignette)	LOFT/ scenario/ example	E/	-	NTSC	09:16	NASA/UT Crew Performance/Roy Butler; tape 1-18	0101 (901) 369-2365		0101-901-369-3960	Fedex/Capt. Steve Harden, 0101 901-369-2365		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	NASA/UT Crew Performance/Roy Butler; tape 1 - 22	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
127	UAL Training - LOFT 2	LOFT/ scenario/ example	E/	-	NTSC		NASA/UT Capt.Roy Butler	0101-512-480-0036 (NASA)		0101-512-480-0234	UAL		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		NASA/UT Capt.Roy Butler	0101-512-480-0036 (NASA)		0101-512-480-0234	UAL		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 Flt. Ops Training & Dev. ~		Proprietary	Other LOFT examples	In-house examples, not for external use.
342	Pilots, Personality and Performance.	Personality	E/91	Inst	text		New York: Quorum Books.				Deitz, S.R. and Thoms, W.E. (1991)				
170	The People Problem - Parts 1 and 2" - Not on my edition of the database."	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	2.05	NATCO, USA. Cuck Woods	0101 (612) 727-4880	Miscellaneous CRM		NATCO, USA.	J. Brown/NW A	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 training and education.	Personality/ attitudes	E/90	Dev	text		ICAO Circular No. 4 - Proceedings of the ICAO Human Factors Seminar, Lenin				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		Paper presented to the #rd Symposium on Aviation Psychology, Columbus, Ohio				Helmreich, R.L., Foushee, H.C., Benson, R., and Russini, W.(1986)				Attitudes as significant predictors of behavior
378	Failing aviator syndrome: a case history.	Personality/ attitude/ hazardous	E/89	Inst	periodical		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 L	Hazardous attitudes	Personality/ attitude/ hazardous	E/	7x	PAL	24	CRM Group & Loftwork; Austin Charles Assocs.	0428-654044	hazardous attitude, personality	0428-656881	Austin Charles Assocs.	Loftwork	Commercial, £695 from Austin Charles	See also It's Your Decision""	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.. using simulated emergencies.
419	In Pursuit of Excellence, How to Win in Sport and Life Through Mental Training. 2nd Edition.	Personality/ attitude	E/90	Dev	text		Champaign, Il: Leisure Press, Dept. 513, Box 5076 Champaign, Il. 61825-507				Orlick, T. (1990)				
446	Press-on-itis	Personality/ attitude/ hazardous	E/	5x	NTSC	22min.	Transport Canada					Transport Canada			Cases

260	Safety attitudes of a general aviation pilot population.	Personality/attitude	E/82	PPL	text		Aviation, space and environmental medicine. 53, 12. 1227-1229.				Kinaszcuk, T., Dodge, R.E., and Mohler, S.R. (1982)				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 Athletic Achievement and Performa	Personality/attitude	E/87	Dev	text		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	Cranfield A.P.U. or Cranfield U/Aeronautics/Prof. Ralph Anker	+44 (0)1234-750111 x 4604	automation, attitude, personality, risk		BBC Videos for Education and Training, Woodlands, 80 Wood Lane, London W12 0TT, England	RPH/Lofwork	Commercial, purchase for training use from BBC/Gerry Crutchley +44 (0)181-576-2541		Pilot personality flaws: UAL fit 173 Portland; BAE Manchester 1985 fire; Scandinavian DC10 N.Y Overhoot reliance on autothrottle; 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/PAL/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 USD\$150		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.B. (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. (1991)			Personality scales indicate attitude change after CRM training)	
409	Human factors training for the new joint European (JAA) pilot licences.	Regulation/ JAA	E/93	Dev	text		Proceedings of the 7th International Symposium on Aviation Psychology. Vol				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/PAL/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 USD\$150	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.	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 tape 29	
484	Flying the Mountains	Safety/ environmental	EF/82		NTSC/PAL/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 USD\$150	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/PAL/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 USD\$150		Wake turbulence explained using computer graphics, recommended procedures for t/o and landing	
481	Up In Smoke	Safety/ environmental	E/70		NTSC/PAL/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 USD\$150		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	7x	NTSC/PAL	33	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 are	
463	Toxic Smoke and Fumes	Safety/ fire	E/		5 NTSC	14 mins.	USAF		cabin fire, toxic smoke			Transport Canada			Air Canada DC9 cabin fire, 1983.	
174	Safe Journey: the Work of the CAA	Safety/ history	E/	-	PAL	25:00:00	Cranfield University A.P.U./Dr. H. Muir	+44 (0)234750111	History, safety services		UK Civil Aviation Authority	RPH/Loftwork	Non-proprietary, CAA copyright	DFW Delta B727 '88 Emergency services	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/PAL	16:00	Loftwork	+44 (0)1293-783232	Safety culture, organisational safety		Transport Canada Systems Safety	RPH/Loftwork	Non-proprietary, may not be resold commercially	Risky Business, The Invisible HUD	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/PAL/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 USD\$150	Risky Business	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/UMATIC	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	From the series Human Operational Interface" (Can be viewed)"	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 interruptions and discussions are solicited in the video.
175	IATA SAFA Committee video	Safety/ risk management	E/		5 NTSC	20:00 app.	Loftwork	+44 (0)1293-783232	organisational safety		IATA SAFA Ctte.	RPH/Loftwork	Non-proprietary, commercial for non-IATA operators		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 against directors, effects on revenues etc.
177	Risk of Ground Collision	Safety/ risk management	EF/91	-	NTSC/PAL	15:00	Loftwork	+44 (0)1293-783232	Safety culture, organisational safety		Transport Canada Systems Safety	RPH/Loftwork	Non-proprietary, may not be resold commercially	Risky Business, The Invisible HUD	Organisational aspects of ground collisions, cause factors, discussion. May be obtained through Walter Peters, Transport Canada Systems Safety.

178 L	Risky Business	Safety/ risk management	EF/91		7	NTSC/PAL	07:00	Loftwork	+44 (0)1293-783232	Safety culture, organisational safety		Transport Canada Systems Safety	RPH/Loftwork	Non-proprietary, may not be resold commercially	Risky Business, The Invisible HUD	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 L	Safety Business	Safety/ risk management	EF/91		7	NTSC/PAL	17.28	Loftwork	+44 (0)1293-783232	Safety culture, organisational safety		Transport Canada Systems Safety	RPH/Loftwork	Non-proprietary, may not be resold commercially	Risky Business, The Invisible HUD	Describes the implementation of a safety programme and the role of the Corporate Aviation Safety Officer at "Avery Air", a typical if 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)1234-750111x4604	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. Produced in association with DLH.	
187	Cabin Fire Safety	Safety/ survivability/ fire	E/	-		PAL		Austin Charles	+44 (0)1428-654044	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 effects. Interesting, research orientation.	

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 elsewhere	Riyadh Saudia fire	Cranfield U/Aeronautics Tape 11.	
186	In-Flight Fire Fighting	Safety/ survivability/ fire	E/	-	PAL		Austin Charles	+44 (0)1428-654044	Fire		Austin Charles	Austin Charles	Commercial, £595		Austin Charles ref #AV6	
188	Manchester Air Disaster	Safety/ survivability/ fire	E/	-	PAL		Austin Charles	+44 (0)1428-654044	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	Manchester 85	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 Trainign Guidelines.	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 Certification	pp 204-216 of Reinhart, R.O. (1982) -The pilot's manual of medical certification and health maintenance	

189 L	Cameras for LOFT video	Training technology/ video cameras	E/92	-	PAL	45:00:00	Loftwork	+44 (0)1293-783232	simulator video		Loftwork	RPH/Loftwork	Proprietary	Cameras for Simulators	Various CCD camera and lens combinations under sim lighting conditions from black to full dome and panel lighting. Visuals off throughout. CCD camera/lens speeds to 1 lux/F0.6.	
190 L	Cameras for Simulators	Training technology/ video cameras	E/92	-	NTSC	29:42:00	Loftwork and NASA/UT/Roy Butler	0101 (512) 480-0036 (NASA)	simulator video		Fedex/Capt. Steve Harden	RPH/Loftwork	Proprietary		UT Tape II-7	
425	FAA Virtual Environments Advanced Vision Lab	Training technology/ fidelity and cueing	E/96	-	url		<a href="http://www.tc.faa.gov/hfl/vr.html">http://www.tc.faa.gov/hfl/vr.html</a>		synthetic vision, VR, visual cueing		FAA	RPH/Loftwork	Open WWW	FAA Human Factors	Research at the Advanced Vision Lab.	
437	Imaging: A Select Bibliography.	Training technology/ device specification	E/85	Dev	text		ED262440.				Weaver, R.L. and Cottrell, H.W. (1985)					
420	Optical variables as measures of performance during simulated flight	Training technology/ fidelity and cueing	E/92	Dev	text		Proceedings of the Human Factors Society 26th Annual Meeting. Seattle: Hu				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. Seattle: Hu				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				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				Phillips, S.I., Hulin, C.L. and Lamermayer, P.J. (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. Col				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?"










































































































































