Outdoor Living 2008: magical spaces

> PACIFIC NW



BATMAN'S WILL IOKER STEAL SHOW?



Death Cab to headline Bumbershoot

NW ARTS & LIFE > 11

The Seattle Times

Seattle Post-Intelligencer

JULY 13, 2008 \$1.50

seattletimes.com

LOGGING AND LANDSLIDES: WHAT WENT WRONG?



"They get to log ... I get to clean up their mas," says David Fenn, a Boistfort Valley farmer whose fields were partially covered with mud and debris in December's Lewis County floods and landslides. Fenn isn't opposed to clear-cutting, but he believes the pace of logging magnified the flood problems.

With little scrutiny from state geologists, Weyerhaeuser has been allowed to clear-cut unstable slopes. When December's storms hit, many of these heavily logged mountains gave way to hundreds of

SEATTLE TIMES INVESTIGATION FIRST OF TWO PARTS



BOIST-PORT WALLEY, Sewis County – When Weyerhaeuser began clear-cutting the Douglas firs on the slopes surrounding Little Mill Greek, local water of-ficials were on edge. Some of these lands had slid decades ago, after an earlier round of logging. They worned new slides could dump sedi-ments into the mountain stream ments into the mountain stream



Many of us likely to outlive savings

BIG SPENDING CHANGES NEEDED, RETIREMENT STUDY WARNS

"It's a wake up call" as economy tightens

Americans retiring now will have to reduce their standard of

The study, set to be released Monday, finds that Americans will have to drasti-cally reduce their standard of living be-fore retirement to live comfortably, or even avoid destitu-tion, [ater in life. Middle-income

their standard c living by an average of 24 percent to minimize their chances of outliving their assets, the study found.

Inside Sunday



House, died of cancer at 53. > A4

Pedal power: 9,500 cyclists set off on the annual 5cattle to Portlan Bicycle Classic, with 2,427 strivin to complete the





The Seattle Times

»PERSONAL FINANCE«

WEEK'S CLOSES | Dow 11,100.54 | Whasdag 2,239.08 | Seattle Times NW 1,520.21 | 10-year Trensury down 5.30, 0.28% | down 22.30, 1.45% | 3.93% yield, 4.04

ogy | JULY 13, 2008 | SUNDAY

Farnborough Air Show Sky-high fuel prices, unprofitable airlines

and new pressures to reduce aviation's

carbon footprint are all clouding the picture for Boeing and Airbus as the annual air show opens Monday outside London.

Southe Times aerospace reporter

A the year's biggest air show, sauring Monday at Famborough near London, the U.S. fay at Famborough near London, the U.S. fairness and an Airbus ASBO superjumbo airliner will perform flying sturns it would never attempt with passengers abourd.

Amid the afterburner smoke and carbon-laced vapor trails, the show's organizers also are promoting a big midweek conference headlined by Boeing and Airbus that's focused on "green" aviation.

But the glamour of the big show won't dispel a sense of crisis in the aviation industry wordfood, are not considered to the aviation industry wordfood, focus air shows.

The skyrocketine con of all how the mention of the strength of

The worst see ine slockbusker salty of orders of pre-vious air shows.

The skyrocketing cost of oil has the entire indus-tion of the price of jet fuel has precisely doubled in a year, oblivierating all hope of profits at Airlines are desperately cutting routes, raising fares, parking older planes in the desert and defer-rang new airplanes on order. A lew smaller airlines to the proper shows that the proper shows the proper shows have the many more are on the brink.

"Right now, we are ready to craft," said data Ph-larski, aviation-business gurus with consulting firm



A NEW CONTENDER? Bombardier may give Airbus and Boeing some competition in the narrow-body jet market > cs

EADS SEEKS more military business

Avitas.

Yet another challenge to profitability will be in the spotlight: The increasing pressure on airlines, especially from Europe, to drastically cut carbon

emissions.

The European Parliament this month backed a proposal to bring aviation into a cap-and-trade system for emissions, requiring each carrier to pay penalties for any emissions beyond its average level in 2004.6.

alties for any emissions services activated by a comparation consultancy Ascend estimates the plan. Aviation consultancy Ascend estimates the plan, starting in 2012 and applicable to all airlines flying in and out of the European Union, "would effective by add around 56 per barrel of crude to EU flights, escalaring each year." That could kill some of the smaller low-cost carriers specializing in short hauf European European Carriers.

vel.

Boeing Commercial Airplane chief Scott Carson
and his Airbus counterpart, Tom Enders, will speak
Wednesday at an unusual 2½ hour "sustainable"
aviation conference at the show. And Boeing will
Please see > AIR SHOW, C6

Farnborough 2008 highlights

The air show opens Monday for industry participants, with the main news events crammed into the first three days. The airfield opens to the public next weekend. The events include:

Monday
Alrbia and Boeing hold their main news
onligences and amounte commercialjet deals.
Perstan Gulf based carriers (tithad and Qatar
invays announce orders.
Praft & Whitney unveils new geared turbofan
ingine, which it hopes to sel to boeing and
dirbus for their next-generation short-haul jets.

Tuesday ng 787 chief Pat Shanahan provides an on the much delayed Dreamliner program the much-delayed breamliner program rdiller of Canada, announces expansion of nent with Chinese manufacturer AVIC 1. se may build major parts of the er CSeries jet to compete against

PROFILE | Pat Shanahan, Boeing 787 program chief



Pat Shanahan, named by Boeing last October to put the troubled 787 program back on track, calls himself "an adrenalin junkie" who likes taking on uncertainty and chaos. Shanahan, who grew up in Seattle, is confident the production problems are being solved.

Dreamliner problem solver helps everyone "get it done"

Now, on the 787, Shanahan again faces out-of-sequence assembly problems and a struggling stellar of the transfer of the property of the proper

Sunday Buzz

Local business bits

Tiny firm beats Sears in turkey wrangle

By Rami Grunhaum, deputy business editor, and Times stoff deputy business editor, and Times stoff Retail gaint Sears made a birdbrained decision when it tangled with inty Lucky Break Mishbone. The stop of the s

MORE BUZZ INSIDE

Drivers irked by fee on natural-gas cars > C5

Frozen equity line could sink credit score

PERSONAL FINANCE

BY HOLDEN LEWIS

BY HOLDIN LEWIS

BRAINFULCEM

Your bank sends you a letter, telling you that the limit has been reduced on your home-equity line of credit, or HELOC.

Householder of credit, or HELOC.

Householder of the HELOC.

A frozen HELOC doesn't always spell credit score just got whacked.

A frozen HELOC doesn't always spell credit score communities.

A frozen HELOC doesn't always spell credit score can tumble enough to derail one's financial plans.

That's what Michael' Isroff thinks happened to him. He of thinks happened to him. He of thinks happened to him. He of thinks happened to him. He are of \$12,000. National City, the large Cleveland-based bank, recently froze the HELOC.

The HELOCS credit limit had held the property of the HELOC.

The HELOCS credit limit had held the property of the HELOC.

In this section >

JAFFE: Show me the manager's moriey > ca

FUND SPOTLIGHT:

Highlights, lowlights from 2nd quarter > ca

THE CAME PLAN
Big players
in video-game industry
to lay out strategy
this week in L.A.

REACH THE EDITORS | Becky Bisbee, Business Editor 206-464-8552 bbisber@seatt

< Shanahan

787'S DOWN-TO-EARTH PROBLEM SOLVER

High praise for floor workers, engineers

University District to Green Lake and hung out with his cousins and friends at the Burgermaster near Utilage. His mother, who attends daily Mass at S. Rhiget Church in Laurelhurst, sent him to Carbolic schools.

The onetime altar boy said with a laugh, "The ladiest at St. Bridget's pray every day for the 787."



Samahan regular with a laugh, The ladies at 3.

The onetime altar boy said with a laugh, The ladies at 3.

The one who worked with this shanahan for the strength of the strength with a laugh, The ladies at 3.

Those who've worked with this shanahan describe a manager intensely focused on motivating everyone around him to cut to the chase and get things, done machine operator recalled working under Shanahan in the mid-1990s while doing night shifts in Auburn.

Shop-floor regular

Shanahan would walk brough the shop infering, and ask the workers if they needed anything, said the machine operator, who can't be identified because Boeing frowns on employees talking to the media anything, said the machine operator, who can't be identified because Boeing frowns on employees talking to the media unchaperoned.

Shanahan are supported to the strength of the said with the said with the workers if they needed anything, said the machine operator, who can't be identified because Boeing frowns on employees talking to the media unchaperoned.

Shanahan related work is the proper doing the work that would be an above challenges, whether the proper doing for solving our cupies the proper doing the work that would be an above challenges, whether the proper doing the work that when the proper doing the work that when the proper doing night shifts in Auburn.

Shanahan related work is the proper doing night shifts in Auburn.

Shanahan the mid-1990s while doing night shifts in Auburn.

Shop-floor regular

Shanahan would we work the proper shanahan is the proper shanahan destribed of the proper shanahan defended the machine operator is unchaperoned.

Shanahan related the factory feets a broad of the proper shanahan defended the company's new, plobalized manuning the tooling unit in Auburn, Ion Geiger worked with him as a superintendent. The two offen visited the factory of the proper shanahan defended the company's new, plobalized manuning the t

since he carne here in October from Virginia, where he had ded Boeing's missile-defense unit. He praises his wife of 22 years for unstinting family support." A job like this, you carn't do byyourself." he said. Yet given the chance to bemoan the separation from his family, hell have none of it. and the military side of Boeing — running the Army helicopter plant in Philadelphia before missile defense.— and is attuned to the sacrifices of others in harder places.



Bombardier, which makes smaller regional and business jets, could move to the next level with its CSeries, a 110 to 149-seat passenger jetliner.

Bombardier flies at higher market

BY DOMINIC GATES Seattle Times derospace re

BIGGER JET WOULD RIVAL
737 AND AIRBUS A320
Enough interest at
show may seal launch
BY DOMINIC GATES
Secult 7 lines devapoer reporter
will be no shortage of skepticitim.

Bottom-line reality

aviation the way we know it now.
Pilarskii means higher fares, a significant cutback in global flying and a serious search for alternative technologies to reduce the control of the cont

global air uses of their years.

Both Boeing and Airbus are ramping up deliveries of their lets, which burn less fuel than most airliners now flying. And both are selling next-generation planes that are even more cost-

Challenging the big two, Can-ada's Bombardier is touting at Farnborough a new narrow-body jet the size of a 737 with an innovative Pratt & Whitney en-gine and carbon-fiber plastic-composite wings (see related

