

# ARTS5505

DYfgcbU`gYX'9b[ `]g\ `@Ub[ i U[ Y'9b\UbW@a Ybh

HYfa `Hk c `#`&\$&%



7ci fgY'8YHJ]`g

7fYX]hDc]bHg '\*`

Gi a a UfmicZ'h\Y'7ci fgY

H\]g'Wci fgY'k ]''\Y'd'mci 'hc'Yb\UbW'f'mci f'9b[ ']g\ 'Ub[ i U[ Y'g\_]`g ]Z'mci 'gdYU\_'9b[ ']g\ 'Ug'U'gYWcbX  
'Ub[ i U[ Y''`# 'UXX]h]cbz'h]g'Wci fgY'dfcj ]XYg'mci 'k ]h'h\Y'g\_]`g'hc'VY'Ub'Ui'hc'bcacig'UbX'j]bXYdYbXYbh  
'YUfbYf'gc'h\U'h'mci 'Wb'Wcb]bi Y'hc'Yb\UbW'f'mci f'9b[ ']g\ 'Ub[ i U[ Y'g\_]`g ]b'hc'h\Y'Z'hi'fY'hc'UWX]Yj'Y'mci f  
UW]XYa ]WUbX'dfcZ]gg]cbU' [ cU'g''Mci 'k ]'' ]XYbh]Zmk \]W'UgdYW'f'g]cZ'mci f'9b[ ']g\ 'mci 'k ci 'X' ]\_Y'hc  
]a' d'fcj Y'UbX'h\Yb'XYg][ b'UbX' ]a' d'Ya Ybh'mci f'ck b'dYfgcbU'dfc'YW'hc'UW'W'ca' d' ]g\ 'mci f' [ cU'g''

7ci fgY'@YUfb]b[ 'Ci hWca Yg

# 5ggYgga Ybh

5bmfYZfYbW]b[ 'gmghYa 'gi WX'Ug'5D5'jg'UWW'dHUV'Y'b'h]g'W'e'i fgY'Ug'`cb[ 'Ug'h]g'W'ebg]ghYbhmUdd']YX.  
WXYW\_'l' BGK 'Gi ddcfhZcf'F'YZfYbW]b[ '5gg][ ba Ybhg: [\hdg.#gh.XYbhi.bgk"YXi."Ui.#YZfYbW\]b\[](#)

Gh XYbhg'W]b'UWW'gg'dfYj]ci g'gh XYbhgJa d'Yg'cb'c dYb@YUfb]b[ ""

## 5ggYgga YbhHUg\_g

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DYfgcbU'dfc'YWh'XYg][ b fDD8Ł	' \$i	&) # \$ * # & \$ & % % % \$ \$ ' DA	' ž ( ž)
Dfc'YWh'c[ Vcc_'UbX'`ci fbU`	&\$i	&' # \$ + # & \$ & % % % \$ \$ ' DA	%ž&
C fU`DfYgYbHU]cb'! '%\$ a ]bi hYg'	&\$i	&* # \$ + # & \$ & % % \$ - . \$ \$ ' 5A	( ž)
F YZYW]j Y'YggUm	' \$i	%\$#\$, #&\$&%%%\$ \$ ' DA	%ž&

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@Yb[ h. '%) \$ \$ ' k c f Xg

8YHU]`g.

Gh XYbhg'XYg][ b'hY]f'ck b'dYfgcbU'dfc'YWh'c'UXXfYgg'hY]f'ck b'9b[ 'jg\`Ub[ i U[ Y'bYYXg""H\YmUfY  
fYei ]fYX'h'gdYW]zmhY]f'dYfgcbU'dfc'YWh'c'U'ž'VUW\_[ fci bXž'a Yh'cXž'fYgci fW]gž'dfc[ fYgg'a YUgi fYa Ybž  
h'a Y']bYž'gWXYXi 'Y'UbX'Ubh]W]dUH'X'ci hW'a Yg""H\YmbYYX'h'c'XYj Y'cd'hY]f'DD8'VUgYX'cb'fY'Yj Ubh  
'j]h'fUh fY'cZ'hY'Z]Y'X'W'ebW'fbYX""H\Y'k c f X'ja ]h]g'%) \$ \$"

Gh XYbhg'fYW]j Y'k f]hYb'ZYXVUW\_'VUgYX'cb'fi Vf]W]g"

Hi fb]hb'gYhb[ . 'H\]g'Ugg][ ba Ybh]g'gi Va ]hYX'h'fci [ \ 'Hi fb]hb'UbX'gh XYbhg'W]b'gY'Hi fb]hb'g]a ]Uf]hm  
fYdcfmg"

5ggYgga Ybh&. 'Dfc'YWh'c[ Vcc\_'UbX'`ci fbU`

GhUfhXUH. 'Bch5dd']WV'Y

8YHU]`g.

Gh XYbhg'fYW]j Y'k f]hYb'ZYXVUW\_'VUgYX'cb'fi Vf]W]g"

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5XX]h]cbU`XYhU]`g.

H\Y`c[ Vcc\_`UbX`ei fbU`XcYg'bchbYXX'gi Va ]gg]cb/fUH\Yfz]hk ]`VY`UggYggYX`X]fYWhmicb`h\Y`Y!dcfhZ`]c  
hUh\h\Y`gh XYbhVYUHYg`UbX`g\UfYg`k ]h`h\Y`h`UWX`Yfg"

Hi fb]h]b`gYH]b[ . H\]g ]g`bchU`Hi fb]h]b`Ugg][ ba Ybh

5ggYgga Ybh' .`CfU`DfYgYbH]h]cb`!`%\$`a ]bi hYg

GHUfhXUH. Bch5dd`]WVY

8YhU]`g.

Gh XYbthg'dfYgYbh\h\Y]f`YUfb]b[ `][ `][ `]h]g`Zca`h\Y]f'dYfgcbU`dfc`YWhZcf`UVci h%\$`a ]bi hYg`h`c`]bgd]fY  
dYYfg`h`c`Wcb]h]bi Y`h`Yb\UbW`h\Y]f`Ub[ i U[ Y`g\_]`g`Yj Yb`UZYf`Wca`d`Yh]b[ `h\Y`Wci fgY`"H\YmUFY`fYei ]fYX`h`c`  
gi Va ]hUb`UVghfUWhfUVci h%) \$`k`cfXgE`UVci h`k`hUh\h\YmUFY`[ c]b[ `h`c`dfYgYbhU`Wci d`Y`cZk`YY`g`VYZcfY`h\Y`  
dfYgYbH]h]cb`XUm`Gh XYbthg'fYVW]j Y'k f]hYb'ZYXVUW\_`Zca`h`h`c`f`c`b`UVghfUWh]g`f%\$i`E`UbX`Zca`d`Y`Y`f`g`c`b`  
dfYgYbH]h]cb`f%\$i`E`VUgYX'cb'fi Vf]Vg"

5XX]h]cbU`XYhU]`g.

H\Y`UVghfUWh]g`Xi Y`cb`Hi fb]h]b`Vm-`Ua`A`cbXUm`&`\*`i`mifK`YY`\_-`E`"H\Y`dfYgYbH]h]cb`]g`dYYf!UggYggYX`  
UbX`Xi Y`]b`h\Y`WUgg`cZ`h\Y`Ughk`YY`\_/`gh`XYbthg`k`c`a`]gg`h\Y`Z]bU`WUgg`k`]`a`]gg`h\]g`%\$i`UggYgga`Ybh`

Hi fb]h]b`gYH]b[ . H\]g`Ugg][ ba Ybh]g`gi Va ]hYX`h`fci [ `]Hi fb]h]b`UbX`gh XYbthg`WUb`gY`Y`Hi fb]h]b`g]a ]Uf]hm  
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5ggYgga Ybh(.`F`YZYWh]j`Y`YggUm

GHUfhXUH. Bch5dd`]WVY

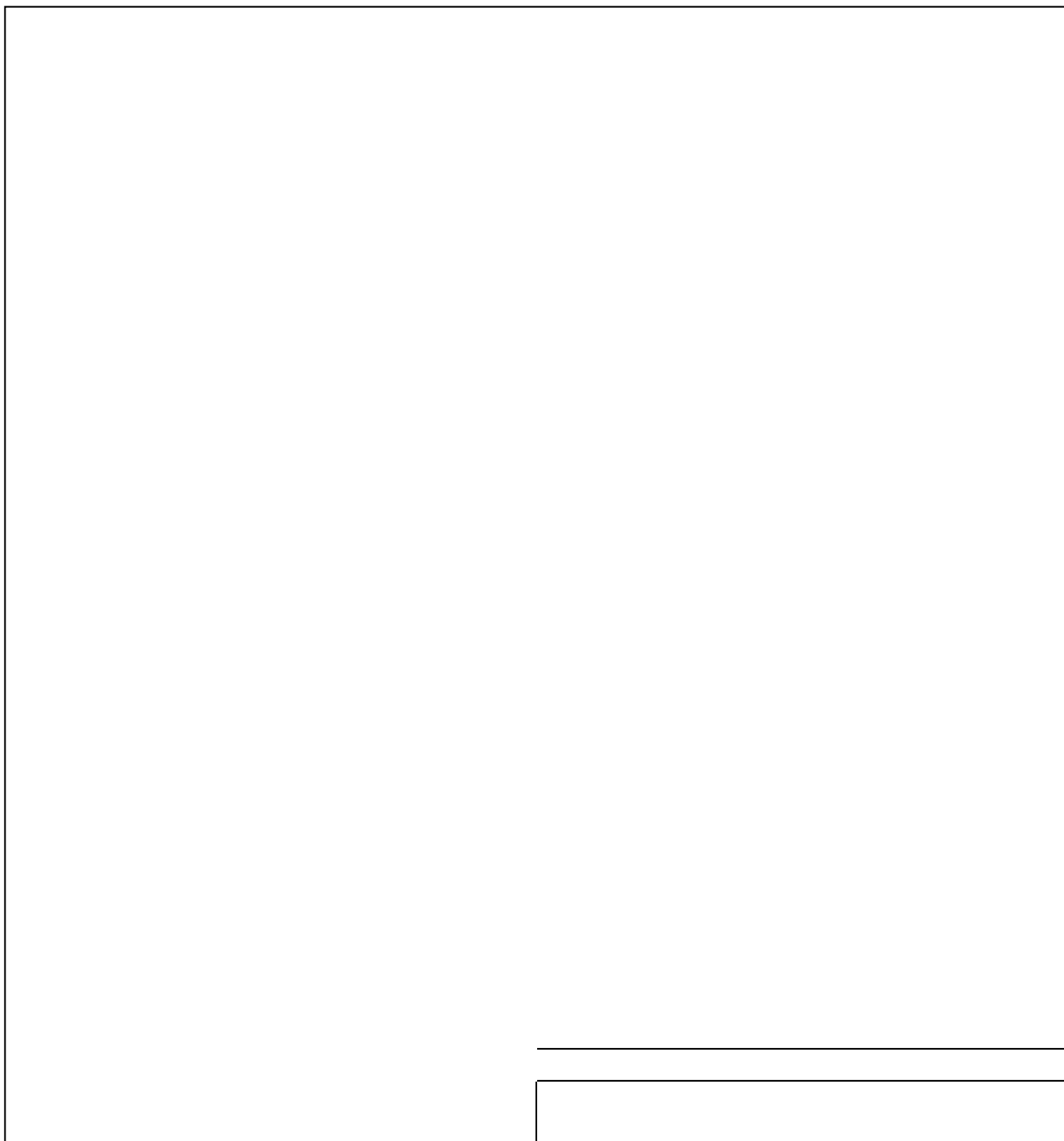
@Yb[ h. `&\$\$\$`k`cfXg

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Gh XYbthg`UbU`m]WU`m`UbX`W]h]W`m`fYZYWh]cb`h\Y]f`YUfb]b[ `YI`dYf]YbW`cZ]a`d`Ya`Ybh]b[ `h\Y]f`ck`b`dYfgcbU`  
dfc`YWh`UbX`di`hUWX]j`UV`Y`UWh]cbg`]b`U`d`Ub`Zcf`h\Y`bYI`h`YUfb]b[ `g]U[ Y`"H\Y`k`cfX`"ja`]h]g`&\$\$\$"

Gh XYbthg'fYVW]j Y'k f]hYb'ZYXVUW\_`VUgYX'cb'fi Vf]Vg""`H\]g`]g`h\Y`Z]bU`UggYgga`YbhZcf`UWh]bXUbW`  
di`fdcgYg"

Hi fb]h]b`gYH]b[ . H\]g`Ugg][ ba Ybh]g`gi Va ]hYX`h`fci [ `]Hi fb]h]b`UbX`gh XYbthg`WUb`gY`Y`Hi fb]h]b`g]a ]Uf]hm  
fYdcfthg"



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Gi Va ]gg]cb 'cZ5ggYgga YbhiHUg\_g

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Ʒmci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UH'Ya dh]b[ 'hc'gi Va ]hmc i f'Ugg][ ba YbhiH'fci [ \ 'Hi fb]h]bž'd'YUgY  
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'-', ) " ' ' %cf'Ya U] 'H'Ya 'cb'YI HYfbU'HY'ggi ddcfh4 i bgk "YXi "Ui "'Gi ddcfh  
\ci fg'UfY', .\$\$Ua '—%\$.\$\$da 'cb'k YY\_XUmg'UbX'-. \$\$Ua '—) .\$\$da 'cb'k YY\_YbXg'fI \*) 'XUmg'U'm'YUfI" Ʒmci  
UfY'i bUV'Y'hc'gi Va ]hmc i f'Ugg][ ba YbhiXi Y'hc'U'Zi 'hk ]H'Hi fb]h]b'mci 'a UmUdd'm'Zcf'Ub'YI HYbg]cbž'Vi hmc i  
a i ghfYHU]b'mci f'h]W\_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb[ 'k ]H'UbmcH'Yf'fY'Yj UbhXcW a YbHgE'hc  
]bWi XY'Ug'Yj ]XYbVW'hc'gi ddcfhmc i f'YI HYbg]cb'Udd'jW]h]cb" Ʒmci 'Ya U] '9I HYfbU'Gi ddcfhmc i 'k ]  
Ui 'ca UH]W]m'fYW]j Y'U'h]W\_Yhbi a VYfž'Vi h]Zmci 'HY'Yd\cbY'mci 'k ]'b'YX'hc'gdYW]Z]W]m'Ug\_ 'Zcf'cbY"  
Hi fb]h]b'U'gc'dfcj ]XYg'i dXUH'g'cb'H'Y]f'gmgh'Ya 'ghU'g'cb'Hk ]HYf"

; YbYfU'mž'UggYgga YbhiHUg\_g'a i ghVY'gi Va ]HYX'Y'YW'fcb]W]m'j ]U'Y]H'Yf'Hi fb]h]b'cf'U'A ccX'Y  
Ugg][ ba YbH' 'b]bg]UbVW'g'k \YfY'H'g ]g'bc]hd'cgg]V'Yž'hk ]'VY'gh'UH'X'cb'mci f'Wci fgY'g'A ccX'Y'g]H'k ]H  
U'HYfbUH] Y'gi Va ]gg]cb'XYHU]g"

: cf]bZ'fa UH]cb'cb'\ck 'hc'gi Va ]hUgg][ ba YbHg'cb]bY'j ]U'A ccX'Y. \h'hdg.#gh XYbH'i bgk "YXi "Ui #ck!  
gi Va ]hUgg][ ba YbH'a ccX'Y



## 5 WUXYa ]W< cbYgmiUbX`D`U[ ]Uf]ga

D`U[ ]Uf]ga `]g`i`g]b[ `h`Y`k`c`f`X`g`c`f`]X`Y`U`g`c`Z`c`h`Y`f`g`i`U`b`X`d`f`Y`g`Y`b`h]b[ `h`Y`a` `U`g`m`c`i`f`c`k`b`" `#`W`U`b`h`U`\_`Y`a` `U`b`m`  
Z`c`f`a`g`Z`Z`c`a` `X`Y`]V`Y`f`U`h`Y` `W`X`Y`U`h]b[ `h`c` `U`W`W`Y`X`Y`b`h`U` `m`i`W`c`d`m]b[ `Z`c`a` `U`g`c`i`f`W` `k` ]h`c`i`h`U`W`\_`b`c`k` `Y`X[ `Y`a` `Y`b`h`

I`B`G`K` `[`f`c`i`d`g`d`U[ ]Uf]ga `]b`h`c` `h`Y` `Z`c` `c`k` ]b[ `W`U`h`Y`[`c`f`]Y`g.

- i bXYfgHUbX'mci f'f][ \hg'UbX'fYgdcbg]V]hYg'Ug'U'gh XYbhUhl BGK
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5 WUXYa ]W=Zcfa Uh]cb

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- fYei Ygth`Zc`Yl H`bg]cb/
- `Uh`gi Va ]gg]cbg`[ i ]XY`]bYg/